

DTalog

Your SELECT statement is:

s ((internal or local or stocked or (in()stock) or  
(in()house))(3n)(inventory or inventories)) AND ((external or remote?? or  
warehouse? ?)(3n)(inventory or inventories)) AND ((WIP or  
(work(2n)progress))(3n)(inventory or inventories))

Items	File
1	13: BAMP_2004/Sep W2
1	15: ABI/Inform(R)_1971-2004/Sep 24
Examined	50 files
Examined	100 files
Examined	150 files
Examined	200 files
4	340: CLAIMS(R)/US Patent_1950-04/Sep 23
Examined	250 files
Examined	300 files
1	484: Periodical Abs Plustext_1986-2004/Sep W3
Examined	350 files
1	553: Wilson Bus. Abs. FullText_1982-2004/Aug
Examined	400 files
Processing	.
5	654: US Pat.Full._1976-2004/Sep 21
Examined	450 files
Examined	500 files
Examined	550 files

6 files have one or more items; file list includes 563 files.

Janice

SMD

Your SELECT statement is:

s ((updat? or alter? or chang? or revis?) (5n) (schedul?) (3n) (job or jobs  
or production or manufactur?)) and ((dynamic? or continuous?) (5n) (track? or  
monitor? or count? or supervis?) (4n) (inventory or inventories or material  
or materials))

Items	File
1	13: BAMP_2004/Sep W2
3	15: ABI/Inform(R)_1971-2004/Sep 24
3	16: Gale Group PRÖMT(R)_1990-2004/Sep 24

Processing

>>>File 20 processing for CHANG? stopped at CHANGWONG  
>>>File 20 processing for COUNT? stopped at COUNTRIESCOVERS  
1 20: Dialog Global Reporter\_1997-2004/Sep 24

Examined 50 files  
Examined 100 files

Processing

>>>File 148 processing for COUNT? stopped at COUNTRYFRESHFOOD  
5 148: Gale Group Trade & Industry DB\_1976-2004/Sep 24  
19 180: Federal Register\_1985-2004/Sep 24  
Examined 150 files  
Examined 200 files  
1 348: EUROPEAN PATENTS\_1978-2004/Sep W02  
Examined 250 files  
Examined 300 files  
Examined 350 files

Processing

1 570: Gale Group MARS(R)\_1984-2004/Sep 24  
Examined 400 files  
1 610: Business Wire\_1999-2004/Sep 24  
1 621: Gale Group New Prod.Annou.(R)\_1985-2004/Sep 24  
1 649: Gale Group Newswire ASAP(TM)\_2004/Sep 20

Processing

Processing

Processing

>>>File 654 processing for COUNT? stopped at COUNTERPAT  
4 654: US Pat.Full.\_1976-2004/Sep 21  
Examined 450 files  
Examined 500 files  
Examined 550 files  
1 990: NewsRoom Current\_June 1 -2004/Sep 24

>>>File 991 processing for COUNT? stopped at COUNTY1722236  
1 991: NewsRoom 2004 Jan 1-2004/May 31

Processing

>>>File 992 processing for COUNT? stopped at COUNTRYDAYS  
1 992: NewsRoom 2003

15 files have one or more items; file list includes 563 files.  
One or more terms were invalid in 15 files.

Set	Items	Description
S1	44	((UPDAT? OR ALTER? OR CHANG? OR REVIS?) (5N) (SCHEDUL?) (3N) (- JOB OR JOBS OR PRODUCTION OR MANUFACTUR?)) AND ((DYNAMIC? OR - CONTINUOUS?) (5N) (TRACK? OR MONITOR? OR COUNT? OR SUPERVIS?) (4- N) (INVENTORY OR INVENTORIES OR MATERIAL OR MATERIALS))
S2	34	RD (unique items)
S3	27	S2 NOT PY>2001 <i>HMC</i>
File	13:BAMP	2004/Sep W2 (c) 2004 The Gale Group
File	15:ABI/Inform(R)	1971-2004/Sep 24 (c) 2004 ProQuest Info&Learning
File	16:Gale Group PROMT(R)	1990-2004/Sep 24 (c) 2004 The Gale Group
File	20:Dialog Global Reporter	1997-2004/Sep 24 (c) 2004 The Dialog Corp.
File	148:Gale Group Trade & Industry DB	1976-2004/Sep 24 (c) 2004 The Gale Group
File	180:Federal Register	1985-2004/Sep 24 (c) 2004 format only The DIALOG Corp
File	348:EUROPEAN PATENTS	1978-2004/Sep W02 (c) 2004 European Patent Office
File	570:Gale Group MARS(R)	1984-2004/Sep 24 (c) 2004 The Gale Group
File	610:Business Wire	1999-2004/Sep 24 (c) 2004 Business Wire.
File	621:Gale Group New Prod.Annou.(R)	1985-2004/Sep 24 (c) 2004 The Gale Group
File	649:Gale Group Newswire ASAP(TM)	2004/Sep 20 (c) 2004 The Gale Group
File	654:US Pat.Full.	1976-2004/Sep 21 (c) Format only 2004 The Dialog Corp.
File	990:NewsRoom Current	June 1 -2004/Sep 24 (c) 2004 The Dialog Corporation
File	991:NewsRoom 2004	Jan 1-2004/May 31 (c) 2004 The Dialog Corporation
File	992:NewsRoom 2003	 (c) 2004 The Dialog Corporation



# STIC Search Report

EIC 3600

STIC Database Tracking Number: 128320

TO: Diaz  
Location: PK5 7T04  
Art Unit : 3623  
Thursday, August 05, 2004

Case Serial Number: 09/847444

From: Ginger Roberts DeMille  
Location: EIC 3600  
PK5-Suite 804  
Phone: 305-5774

Ginger.roberts@uspto.gov

## Search Notes

Reviewed all results

SMD  
8/8/04

Dear Examiner Diaz:

Please find attached the results of your search for 09/847444.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: Internet, STN

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger



# STIC Search Results Feedback Form

**EIC 3600**

Questions about the scope or the results of the search? Contact *the EIC searcher or contact:*

Karen Lehman, EIC 3600 Team Leader  
306-5783, PK5- Suite 804

**Voluntary Results Feedback**

- I am an examiner in Workgroup:  Example: 3620 (optional)
- Relevant prior art **found**, search results used as follows:
- 102 rejection
  - 103 rejection
  - Cited as being of interest.
  - Helped examiner better understand the invention.
  - Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- Foreign Patent(s)
- Non-Patent Literature  
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- Results verified the lack of relevant prior art (helped determine patentability).
- Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to EIC3600 PK5 Suite 804



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? show files;ds  
File 15:ABI/Inform(R) 1971-2004/Aug 05  
      (c) 2004 ProQuest Info&Learning  
File 16:Gale Group PROMT(R) 1990-2004/Aug 05  
      (c) 2004 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2004/Aug 05  
      (c) 2004 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
      (c) 1999 The Gale Group  
File 275:Gale Group Computer DB(TM) 1983-2004/Aug 05  
      (c) 2004 The Gale Group  
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Aug 05  
      (c) 2004 The Gale Group  
File 9:Business & Industry(R) Jul/1994-2004/Aug 04  
      (c) 2004 The Gale Group  
File 20:Dialog Global Reporter 1997-2004/Aug 05  
      (c) 2004 The Dialog Corp.  
File 476:Financial Times Fulltext 1982-2004/Aug 05  
      (c) 2004 Financial Times Ltd  
File 610:Business Wire 1999-2004/Aug 05  
      (c) 2004 Business Wire.  
File 613:PR Newswire 1999-2004/Aug 03  
      (c) 2004 PR Newswire Association Inc  
File 634:San Jose Mercury Jun 1985-2004/Aug 04  
      (c) 2004 San Jose Mercury News  
File 636:Gale Group Newsletter DB(TM) 1987-2004/Aug 05  
      (c) 2004 The Gale Group  
File 810:Business Wire 1986-1999/Feb 28  
      (c) 1999 Business Wire  
File 813:PR Newswire 1987-1999/Apr 30  
      (c) 1999 PR Newswire Association Inc  
File 13:BAMP 2004/Jul W4  
      (c) 2004 The Gale Group  
File 75:TGG Management Contents(R) 86-2004/Jul W4  
      (c) 2004 The Gale Group  
File 95:TEME-Technology & Management 1989-2004/Jun W1  
      (c) 2004 FIZ TECHNIK  
File 63:Transport Res(TRIS) 1970-2004/Jul  
      (c) fmt only 2004 Dialog Corp.  
File 2:INSPEC 1969-2004/Jul W4  
      (c) 2004 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2004/May  
      (c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/Aug W1  
      (c) 2004 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
      (c) 2004 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
      (c) 2003 EBSCO Pub.  
File 256:TecInfoSource 82-2004/Jul  
      (c) 2004 Info.Sources Inc  
File 474:New York Times Abs 1969-2004/Aug 04  
      (c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Aug 04  
      (c) 2004 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
      (c) 2002 The Gale Group  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200449  
      (c) 2004 Thomson Derwent  
File 344:Chinese Patents Abs Aug 1985-2004/May

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(c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
(c) 2004 JPO & JAPIO  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.  
File 348:EUROPEAN PATENTS 1978-2004/Jul W04  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040729, UT=20040722  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	1	ORDER? ?(2S) (EXCESS) (2N) (REJECT?) (2S) (TARGET OR SUFFICIENT OR REQUIRED OR GOAL OR CORRECT) (5N) (ACCEPT? OR RECEIV?) (2S) (SHIPMENT? OR DELIVER? OR SUPPLY()CHAIN OR SCM OR SCEM)
S2	14	ORDER? AND (EXCESS) (2N) (REJECT?) AND (TARGET OR SUFFICIENT OR REQUIRED OR GOAL OR CORRECT) (5N) (VOLUME OR TOTAL OR MATERIALS OR GOODS OR MERCHANDISE OR SHIPMENT)
S3	13	RD (unique items)
S4	1	(EXCESS) (2N) (REJECT?) AND (TARGET OR SUFFICIENT OR REQUIRED OR GOAL OR CORRECT) (5N) (VOLUME OR TOTAL OR MATERIALS OR GOODS OR MERCHANDISE OR SHIPMENT) AND (SUPPLY()CHAIN OR SCM OR LOGISTIC? ?)
S5	9	(EXCESS?) (2N) (REJECT? OR "NOT" () (ACCEPT? OR RECEIVING)) (3N-) (ORDERS OR SHIPMENT OR DELIVERED)
S6	4	RD (unique items)
S7	23	S1:S6
S8	17	RD (unique items)
S9	10194927	ORDER? OR ORDERING OR FULFILLMENT
S10	51007	(CONFIRM? OR VALIDAT? OR CHECK? OR COUNT?) (5N) (SHIPMENT OR DELIVERY)
S11	27086	(REJECT? OR RETURN?) (3N) (EXCESS?)
S12	83	S9 AND S10 AND S11
S13	79	RD (unique items)
S14	24	S13 NOT PY>2001
S15	24	RD (unique items)
S16	550316	SUPPLY()CHAIN OR SCM OR SCEM
S17	290	S11 AND S16
S18	57413	(TRACK? OR MONITOR?) (5N) (INVENTORY OR INVENTORIES OR STOCK- (1N) LEVEL)
S19	17	S17 AND S18
S20	12	RD (unique items)
	?	

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15/3,K/15 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00818652 \*\*Image available\*\*

**TUPPLY CHAIN ARCHITECTURE**

**ARCHITECTURE DE CHAINE D'APPROVISIONNEMENT**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200152158 A2 20010719 (WO 0152158)

Application: WO 2001US1296 20010112 (PCT/WO US0101296)

Priority Application: US 2000213279 20000112; US 2000213279 20000622; US  
2001758509 20010111

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 21146

Fulltext Availability:

Detailed Description

Claims

Detailed Description

... This technique is

known in the industry as "buying direct". Large customer 52 places an  
order with supplier 56 each time a part is needed. Supplier 56 gives the  
products to...weekly basis. As such, these  
systems typically react slowly when compared with the rate of order  
fluctuations and are unable to detect excess inventories located in  
non-primary warehouses thereby resulting...Fig. 4 is a diagram  
illustrating a Demand Capture and Validation  
process performed by an Order Management Module during a regular demand  
request in accordance with the invention.

Fig. 5 is a diagram illustrating a Demand Capture and Validation  
process performed by the Order Management Module during an ad hoc  
demand  
request.

Fig. 6 is a diagram illustrating the...

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...Fig. 16 is a diagram illustrating the flow of information and products during a **Fulfillment** Module in accordance with the invention.

Fig. 17 is a diagram illustrating the production of...chain server 74 for the distribution of the products. These instructions - 10 indicate how the **order** is to be broken down and re-assembled in the exact quantities required by the specific customers. Breaking down the **order** is called across-dock operation and is performed data across-dock point. Supply-chain network 70 can work with any number of...  
...flexibility, minimum overall cycle time, and eliminates the costly need to manage a customer's **order** within the supplier's **order** management system. This is advantageous because **order** management costs can be quite substantial for suppliers managing large numbers of customers and large...

...types and numbers.

The present invention provides economic advantages, as the cost of managing one **order** for one part is generally much higher than disassembling a larger **order** of many parts into specific quantities.

After the products are disassembled, the orders of each...

...operations of supply chain network 70 can be broken up into five main modules.

- 1) **Order** Management 40 - collecting customer forecasts and determining if the requests are valid;
- 2) Planning 42...  
...providing solutions if demand does exceed supply;
- 3) Procurement 44 - execution of the purchasing process;
- ) **Fulfillment** 46 - transporting the products from suppliers to customers;
- 5) Billing and payment 48 - generation and payment of invoices.

Although a typical customer demand will typically follow the 5 **order** of the modules shown in Fig. 3, the Modules operate independently and sometimes concurrently as will be explained more fully below. For example, the **Order** Management for one day's demands may take place at the same time as the **Fulfillment** of a previous day's demands. Prior art supply chain systems handled many of these...

...between each functional module. For example, fulfillment was handled independently of supplier payments or even **order** management. In addition, information management refers to incorporated into each of these modules as would...all parties. To illustrate this point, consider a customer X who receives a large rush **order** requiring certain parts from suppliers A and B but neither supplier A nor B have...  
...performed on a regular basis. For example, all customers using supply chain network 70 could **order** all parts within a certain commodity family on a given day of the 5 week...

...planned over the weekend thereby causing Monday to be a desirable day to start the **Order** Management cycle. As such, in one embodiment of the

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invention,

Planning takes place on Monday night, Fulfillment of all parts on Tuesday, and I O Billing on Tuesday night. Some parts are...

...system on a weekly basis, the supply chain network in accordance with the invention realizes order , planning, and delivery times that cumulatively considerably less than one week. This system enables customers...

...continuing reference to Fig. 3. Note again that portions of these modules operate concurrently.

II. Order Management

The Order Management Module provides an environment where supply chain server 74 directly interacts with customers 72...server 74 by sending an ad hoc request. Such an ad hoc request is an order that no supplier has been prepared to receive as it was not forecasted or was

...  
...arrangements between suppliers and customers or defined by contracts for the network. An ad hoc order is therefore more likely to be unfulfilled within a standard cadence without intervention from human Planners - discussed below.

Once customer demand is received, it is validated by the Order Management Module against contract terms and details outlined during an initial customer set-up process...

...their request and a resolution process is initiated. Examples of the analysis that the - 14

Order Management Module may perform and thereby improve the validity of the forecasts received include, but...to week)

Customer credit history and approval may also be integrated as part of the Order Management Module. After demand has been validated and

the credit of the customer has been...

...a  
suspend file for action by an Account Manager.

- 17

An exemplary embodiment of the Order Management module will now be explained. Referring to Fig. 4, there is shown a demand capture and

validation process performed by the Order Management module during a regular demand schedule. During a regular demand schedule, supply chain 5...Data Interchange) forecast, an e-mail (e.g. with an EXCEL spreadsheet), an EDI purchase order ("PO") or through XML (extensive markup language) communication. Receiving circuit 204 may also capture specific ...credit issue is resolved.

- 19

For an ad hoc demand, the process flow of the Order Management Module is as shown in Fig. 5. Referring to Fig. 5, as with a...

...forecast, a field is established (not shown) to identify the ad hoc demand to track order billing information. This field may optionally be used to generate an additional charge for ad...informing them of the 1 5

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customer's intent to buy.

In this way, the **Order Management Module** of supply chain server 74 uses a forecast system to replace the purchase **order** system that was used in the prior art. In prior art supply systems, suppliers did...

...g. within one week) so that forecasted based customer demands are possible.

1 5 The **Order Management Module** also provides customers with the ability to check the status of an **order**. A typical customer may be interested in knowing exactly what product he is getting and...hardware of supply chain server 74 is discussed more completely below) can be updated accordingly.

**Order release notification**

An **order** release notification provided by the Planning Module may be generated after a specific **order** is released to the supplier 76 or suppliers (one customer **order** may be fulfilled by several suppliers). This event may be used to inform customer 72 that their **order** has been reviewed and passed on to the suppliers who are responsible for fulfilling the **order**. The Planning Module then updates the Extranet at the time of forecast release to the...

...notification may be sent to supply chain server 74 by 3PL 78, indicating that the **order** is on its way to customer 72.

**Customs-In notification**

When applicable, a customs-in...

...a source of suppliers 76 to meet customer demand and for initiating 1 5 the **Fulfillment Module**. This capability also serves as a vehicle to capture vital, real-time data on...of a daily forecast for a week 0 demand, the receipt of an ad hoc **order** (unforecasted demand) from a customer, a supplier's de-commit at the time of shipment...the customer's best interest to allocate some demand to a non-preferred supplier in **order** to foster a more competitive market-place, and the supply chain Planners may shift some...

...support this plan, suppliers are ready to execute the week 0 demand and initiate the **fulfillment process** in the **Fulfillment Mod-ale**. Suppliers may also be required to follow defined production or inventory management protocols relating to demanded products.

On occasion, a customer may place an ad hoc **order** with supply chain server 74 for quantities or material not originally included in the customer the falfillment process in the **Fulfillment Module**.

- 27 If a supplier 76. is unable to meet its commitment (short shipment), the...

...the situation. If necessary, the Planner will identify alternate sources of supply and restart the **Fulfillment Module**. If material is returned to the supplier and replacement parts are needed at a...

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...made by customers 72 in forecasts 100.

As discussed above in the description of the **Order Management** Module, supply chain server 74 performs an evaluation 104 of the variability of forecasts...

...tolerances, the aggregation of all customer requests may exceed total supply especially if many customers **order** close to their allowed limits. Such **ordering** may cause overall depletion of suppliers' products which may take some time to restore. The...accesses its account through supply chain server 74 so that the customer knows that the **order** for the particular parts was aborted. These processes will now be explained in detail by...

...normal planning scenario. In the Planning Module, supply chain server 74 receives information from the **Order Management** Module (discussed above) regarding customer forecasts. Supply chain server 74 then consolidates 130 all...

...not shown) based on customer part and number. The validation itself was described in the **Order Management** module. Briefly, the validation includes determining whether the customer demand is invalid under contract...

...to determine exception conditions - as was discussed more fully above in the description of the **Order Management** Module.

Supply chain server 74 then converts 136 the supply chain network part number...server 74 in response to an ad hoc demand from customers. As with a typical **order**, supply chain server 74 receives a customer demand file from the **Order Management** Module. The demand file is then analyzed 166 to identify corresponding supply chain server...

...assigned to represent a specific week's demand for each supplier - similar to a purchase **order** number. Finally, supply chain server 74 sends 176 documents 180 to 3PL 78 including pickup...

...on the purchase-to-pay cycle, including validation of the accuracy and timeliness of the **order** fulfillment process (the **Fulfillment** - 33 Module will be discussed more completely below). Additional areas covered by Procurement include communicating the supply **order** to suppliers (data interface) and reverse logistics.

Reverse Logistics is the process of moving products...supply chains, the invention uses a supplier ASN to trigger the generation of a purchase **order** and a receipt notice indicating possession of the demanded part. This reduces a large number...

...likely to be fulfilled as it is based upon a forecast and not a purchase **order**.

All payments received from customers during each day are listed and consolidated by supply chain server 74 for each supplier 76. If payment for a specific **order** has been received from customer 72 via EFT (Electronic Funds Transfer), supply chain server 74...then branches to

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step 344 shown in Fig. I 1. Examples of the dispositions include returning excess material to the supplier, shipping the additional material to the customer (and adjusting any forecast...).

...now to Fig. I 1, in step 344, supply chain server 74 creates a purchase **order** based upon ASN 332. The purchase **order** is created for each part for each supplier. Supply chain server 74 then creates 350 a receipt and generates 346 cross-dock instructions 348 based upon the purchase **order** 344. The receipt, like the purchase **order**, is organized by part and by supplier. Cross-dock instructions 348 may include pickup instructions...

...complete explanation of cross-dock instructions 348 is provided below in the discussion of the **Fulfillment** Module.

After an inherent delay 352 which insures that all week 0 demands are received...

...with supply plan 3 3 8 created earlier (See Fig. I OA) and sales **order** 290 discussed below in Fig. 17. The matching is done to verify that no material has been lost in transit. All sales orders that comprise one purchase **order** should be created before the matching is performed. If the documents do not match at...

...If receipts created at 3 5 0 are greater in number or price than sales **order** 290, possible causes of the problem could be a delay in the generation of the sales **order**. If the receipts are less than the sales **order** 290 in either number or price, possible causes of the problem include a data integrity...

...created in step 350 match 3 5 6 supply plan 3 3 8 and sales **order** 290 at ...current week. If the parts are required within the current week, control branches to the **Order** Management module for an ad hoc demand as was described with reference to Fig. 5...Moreover, problems in shipment and returns by customers are also handled moreexpeditely and efficiently.

V. **Fulfillment**

- 41

The **Fulfillment** Module is involved in ensuring the transportation of products from suppliers 76 to customers 72. Referring to Fig. 16, there is shown a time-phased **Fulfillment** Module flow diagram in accordance with the invention. Much of the flow of information has already been described in detail with reference to the Planning, **Order** Management, and Procurement modules and so a detailed discussion of such information is omitted for the sake of brevity.

In the **Fulfillment** Module, supply chain server 74 sends customer forecasts 200 and week 0 callouts 202 (Fig...)

...chains, in supply chain network 70, the orders of a plurality of customers 72, who **order** the same or similar parts, are grouped together into larger orders to be procured from...

...number of larger orders of these parts. In the prior art, suppliers 76 handled each **order** individually and shipped each **order** in an individual box. This was very costly because it required ...using supply chain server 74 also have the ability to

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track the status of an **order** throughout the **Fulfillment** process. This **order** tracking capability may be offered to all the customers 72 using supply chain server 74...

...down the larger orders at a cross-dock point, a less costly and more efficient **Fulfillment** process is available than in the prior art.

Additionally, by having customers, suppliers, 3PLs, and...s customers to view the status of pending orders and track the status of an **order** up until the time the customers receive their product.

In general, after customer demand is...

...3PL 78 is received, supply chain server 74 triggers the - 44 generation of a sales **order**. At the same time, the shipment notifications are reviewed to determine any deviations between expected...

...72. The receipt 260 may be through an EDI. Supply chain server 1 5 74 **validates** 264 **shipment** notification 262 and calculates 266 the **order** pricing of the **shipment**. In **validation** 264, supply chain server 74 compares the total quantity in shipment notification 262 with a...

...take into consideration pre-defined tolerances. If supply chain server 74 determines 270, that the **shipment** notification is valid, **validation** 264 ends. Otherwise, an error routine 272 is performed as was explained above with reference...

...used to implement both short and over shipment resolutions in error routine 272.

In calculate **order** pricing circuit 266, the price of the **order** associated with shipment notification @62 is calculated based upon cross-dock - 45 instructions 346 (Fig...could include, for example, expedited delivery, special labeling or packaging, etc. Finally, an ad hoc **order** may be given an additional charge.

In addition to the charges for the products themselves...

...sales orders too soon and so freight charges needed to be applied after the sales **order**. As can 1 5 be discerned, such a problem is not present in the architecture of the present invention.

Then supply chain server 74 calculates 284 the sales **order** total using applicable rate<sub>s</sub> tables 286. These tables are used to calculate custom duties and...

...value added taxes<sub>s</sub> and sales taxes. Supply chain server 74 then generates 288 a sales **order** 290. In a preferred embodiment, a single sales **order** is generated per customer part number and the charges are itemized - for example, freight, taxes...

...292 and 294 where it generates 292 and sends 294 an invoice 296 for sales **order**

290 to customer 72. The generation 292 of invoices will be performed automatically for each **order** using electronic invoice outlining terms for each sales **order**. The payment terms are based on the shipment date and will include - 46

itemized charges...workflow processes. For example, although the process for the customer's ability to abort an **order** is located in the Planning

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Module, information delivery will handle the communication of the abort

...

...of information available to Customers, Suppliers and the 3PL includes but is not limited to: **order** -specific information/statistics and customer-specific statistics (e.g. Week-to-date, Month-to-date...in supply chain network 70. As stated above in I 0 the description of the Fulfillment Module, the operator of supply chain server 74 takes title of products 278 once products...

...Using the above described techniques, supply chain server 74 can arrange payment term financing in **order** to leverage more favorable pricing or to create a ...through firewall 590.

Extranet manager 580 provides customers 72 and suppliers 74 with access to **order** and forecast information, access to any premium information services contracted with supply chain server 74...

...enterprise resources planning) system 584 provides server 74 with applications and systems support for financial, **order** management, demand management, procurement, and other enterprise processing capabilities. ERP system 5 84 allows for...

Claim

... an abort code to the customer, the abort code enabling the customer to abort an **order** relating to one of the forecasted demands.

20 The method as recited in claim 19, further comprising canceling an **order** corresponding to one of the forecasted demands if the customer sends the abort code.

21...an abort code to the customer, the abort code enabling the customer to abort an **order** relating to one of the forecasted demands.

89 The system as recited in claim 88, wherein the ERP system further cancels an **order** corresponding to one of the forecasted demands upon receiving a abort code from the customer sends the abort code.

90 The system as recited in...

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15/3,K/2 (Item 2 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01139485 97-88879

**A better way**

Anonymous

Progressive Grocer DSD Opportunities & Challenges Supplement PP: 11-14  
Nov 1995

ISSN: 0033-0787 JRNLD CODE: PGR

WORD COUNT: 1604

...ABSTRACT: establish/tighter controls for truck inventories. 2. Sequence product from the truck to match invoice **order**. 3. Reward trading partners that have accurate invoices.

...TEXT: by stop sequence to reduce selection time. This can eliminate the need to "build" the **order** at the store and can reduce delivery times by seven to nine minutes or roughly...

...5 OPPORTUNITY--Too often drivers fail to systematically position product on hand carts in invoice **order**.

Suggested key practice--Sequence product from the truck to match invoice **order**.

6 OPPORTUNITY--Drivers sometimes visit a store twice in one day to complete their work...

... space allocations for perishable DSD products often don't match up with inventory requirements, causing **excessive returns**.

Suggested key practice--Reallocate shelf space for fresh product.

9 OPPORTUNITY--Invoice errors continue to... the vendor agent (salesperson/broker)/driver is equipped with a hand-held terminal that processes **order** details. Using the terminal, the agent builds a delivery invoice (or credit) as product is...

... FM radio. The receiver pulls up the invoice and verifies each item involved in the **delivery** system.

Once an item **count** has been verified by the receiver, the terminal is directly connected to the store's...

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20/3, K/11 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00901355 \*\*Image available\*\*

SYSTEM AND METHOD FOR ENSURING ORDER FULFILLMENT  
Système et procédé garantissant l'exécution d'une commande

Patent Applicant/Assignee:

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Priority Application: US 2000243427 20001027

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prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
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SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
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Publication Language: English

Filing Language: English

Fulltext Word Count: 27013

Fulltext Availability:

Detailed Description

Claims

English Abstract

...availability. Embodiments of the invention allow users to search for product availability throughout its entire supply chain network to address conflicts as they arise. In particular, the present invention creates time-phased...

Detailed Description

... availability. Embodiments of the invention allow users to search for product availability throughout its entire supply chain network to address conflicts as they arise. It creates time-phased inventory plans that meet...

...or expiring inventory. Through this early intervention process, "push" logic, and customer-specific date sensitivity tracking, potentially unusable inventory can be appropriately redeployed within the network.

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The present invention decreases expediting and inventory costs...or expiring inventory. Through this early intervention process, "push7" logic, and customer-specific date sensitivity tracking, potentially unusable inventory can be appropriately redeployed within the network.

The fulfillment system 100 of the present invention...

...operation. The database 600 generally contains information on the various aspects of a business's supply chain, including.

- 1) a list of SKU's,
- 2) indication of storage location for each SKU...

...Distribution Module 200

The distribution module 200 functions primarily to analyze any changes in the supply chain data in the database 600 and then to suggest a course of action as needed to meet existing orders and commitments despite the changes to the supply chain. A central component of the distribution module 200 is the planning component 210...user selects, the planning component 210 determines which ones were marked for exchange within a supply chain and generates a new replenishment of the planning component 210 for each of those. The planning component 210 does not calculate supply chain data for external SKUs (i.e., supply chain data from external systems), but it does use their data in calculating the planning component...of the substitute SKU after meeting its requirements. If a substitute SKU does not have excess inventory, substitution logic rejects it as a substitute and uses the next priority substitute specified by the user. I...

Claim

... a desired item by a desired time, the method comprising the steps of creating a supply chain model using data describing various activities in a supply chain; determining the requirements of the order; checking said supply chain model to determine the availability of said desired item by said desired time, if said desired item is unavailable by said desired time, modifying the supply chain as needed to fulfill the order; and modifying the supply chain model to reflect the changes in the supply chain needed to fulfill the order.

2 The method of claim 2, wherein said step of checking said supply chain model considers inventory, production, manufacturing, distribution, and transportation resources needed to deliver said desired item...

...an alternative item if said desired item is unavailable by said desired time; checking said supply chain model to determine the availability of said alternative item by said desired time; if said alternative item is unavailable by said desired time, modifying the supply chain as needed to fulfill the order with the alternate item; and modifying the data defining the supply chain model to reflect changes in the supply chain needed to fulfill the order with the alternate item.

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4 The method of claim 3...

...said desired time,  
determining an alternative time at which said item is available;  
adjusting the **supply chain** as necessary for delivery of said  
desired item by said alternative time; and  
modifying said **supply chain** model to reflect the adjustments to  
the **supply chain**.

6 The method of claim 5, comprising the steps of  
forming said alternative time by offsetting said desired time by  
a predetermined interval; and  
checking the **supply chain** model to determine the availability  
of said desired item by said alternative time.

7 The...

...the steps of  
canceling a prior order; and  
after canceling the prior order, rechecking the **supply chain**  
model to determine the availability of said desired item by said  
desired time;  
adjusting the **supply chain** as necessary for delivery of said  
desired item by said desired time; and  
modifying said **supply chain** model to reflect the adjustments to  
the **supply chain**.

8 The method of claim 7, further comprising the steps of  
creating a list of active orders in the **supply chain** model; and  
selecting the prior order from the active orders that are lower in  
priority...

...9 The method of claim 1 further comprising the steps of  
monitoring changes in the **supply chain** model needed to ensure  
on-time delivery of said order; and

78  
intermittently providing a report on the status of these changes  
in the **supply chain** model.

10 The method of claim 1 further comprising the steps of  
- monitoring new changes in the **supply chain** ;  
- modifying the **supply chain** model to account for these  
monitored changes;  
- adjusting the **supply chain** as needed to ensure On-time  
fulfillment of the existing order in spite of the changes to the  
**supply chain** ; and  
- updating the **supply chain** model to reflect the adjustments to  
the **supply chain** .

11 The method of claim 1, further comprising the steps of  
if multiple schemes exist in the **supply chain** model to make  
said desired items available by said desired time, determine by  
a low...

...claim 1, further comprising the steps of  
if multiple schemes exist in the modify the **supply chain** to  
make said desired items available by said desired time,  
determine by a low-cost...

...wherein said order further specifies a desired

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location and wherein said step of checking the **supply chain** model considers delivery to said desired location. 0 18. The method of claim 17, wherein...

...wherein the order specifies delivery of the desired item from a single source in the **supply chain** and wherein said step of 5 checking **supply chain** model only considers delivery from single sources.

20 The method of claim 19, wherein the order specifies a particular source in the **supply chain** and wherein said step of checking the **supply chain** model only considers delivery from this particular source.

21 The method of claim 1, wherein said step of modifying the **supply chain** as needed to fulfill the order avoids future overstock within a planning duration.

22 The method of claim 1, wherein said step of modifying the **supply chain** as needed to fulfill the order maintains preset minimum inventory levels at one or more...

...order requesting a desired item by a desired

time, the system comprising:

a database containing **supply chain** data; and  
a server having

a) a means for analyzing said **supply chain** data to determine whether said desired item may be delivered by said

80

desired time,

b) a means for modifying said **supply chain** as needed to deliver said desired item by said desired time, wherein said modifying means determines a low-cost method to modify said **supply chain**, and

c) means to adjust the **supply chain** data to account for the modifications to the **supply chain**.

24 The system of claim 23 further comprising one or more application protocol interfaces (APIs...).

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? t15/9/5

15/9/5 (Item 1 from file: 148)  
DIALOG(R) File 148:Gale Group Trade & Industry DB  
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08345613 SUPPLIER NUMBER: 17798188 (THIS IS THE FULL TEXT)  
A better way. (includes article on automated receiving methods) (Direct  
Store Delivery: Opportunities and Challenges)  
Mathews, Ryan  
Progressive Grocer, v74, n11, pDSD11(3)  
Nov, 1995  
ISSN: 0033-0787 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1569 LINE COUNT: 00150

ABSTRACT: An Ernst & Young direct store delivery (DSD) study involving four Ralphs and four Save Mart stores identified 22 key operational practices that can help grocery vendors and retailers improve their DSD efficiency. These practices include arranging products in delivery trucks by stop sequence, instead of by product, using appropriately sized delivery trucks, and reusing corrugated shipping containers when possible.

TEXT:

Are you looking for operational practices that can make DSD more efficient? So were Ralphs and Save Mart. They found them - 22 of them to be exact - as part of a pilot program.

The "Key Operational DSD Practices Pilot" studied DSD receiving operations at eight Save Mart and Ralphs stores between October 1993 and July 1994 and was conducted by Ernst & Young. All four of the Ralphs stores and two of the Save Marts used automated receiving. The remaining Save Marts operated on a manual receiving system. The test project studied nine DSD categories: beer, bread, carbonated beverages, cookies, hosiery, ice cream, pastries, pizza and salty snacks.

According to the study, DSD deliveries to the stores with manual receiving systems take approximately 4.1 minutes. When non-automated practices emerging from the study are implemented, it's believed that the time can be reduced to about 3.5 minutes per delivery, or a reduction of about 14.6%.

At the stores using UCS/DEX and NEX, it takes about nine minutes to receive a DSD delivery. Through the use of automated key practices, that time can be reduced by about 40%.

Even the most fervent proponent of automated receiving acknowledges that the introduction of such systems can actually slow down the DSD receiving process initially. The extra time is largely a function of the addition of several extra tasks - including such functions as logging in and transmitting invoices and item-by-item verification - which serve as control mechanisms with respect to the initial usage of the hand-held terminals. As trading partners become more familiar with the technology and establish increasing levels of mutual trust, the need for these time-consuming verification steps should be reduced over time.

The pilot study identified 22 opportunities to implement key operational practices - nine of which can be implemented in any DSD receiving environment and 13 of which can only be implemented in an automated environment. They appear here along with key suggested practices. The first nine apply to all environments; the remaining 13 to automated environments.

1 OPPORTUNITY - Drivers using side-door vehicles must travel from door to door to select product off the truck (since trucks are generally loaded by placing like product together).

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Suggested key practice - Load supplier vehicles by stop sequence to reduce selection time. This can eliminate the need to "build" the **order** at the store and can reduce delivery times by seven to nine minutes or roughly 15% to 20%.

2 OPPORTUNITY - Some drivers carry substantially more product than is necessary, which means they must take out a larger truck than they need.

Suggested key practice - Use trucks of appropriate size and establish tighter controls for truck inventories.

3 OPPORTUNITY - Driver productivity is reduced because low light conditions make it difficult to maneuver inside the vehicle.

Suggested key practice - Redesign vehicles to facilitate driver productivity, such as the UPS vans with skylights.

4 OPPORTUNITY - Drivers leave empty reusable shipping containers, forcing receivers to dispose of the waste.

Suggested key practice - Corrugated shipping containers should be reused where possible to reduce delivery costs.

5 OPPORTUNITY - Too often drivers fail to systematically position product on hand carts in invoice **order**.

Suggested key practice - Sequence product from the truck to match invoice **order**.

6 OPPORTUNITY - Drivers sometimes visit a store twice in one day to complete their work.

Suggested key practice - Implement night deliveries to improve store service and supplier fleet utilization.

7 OPPORTUNITY - Today, as a result of limited store-level receiving windows, about 54% of all drivers/deliveries are being delayed at the back door.

Suggested key practice - Increase the store's receiving capacity by assigning a second trained receiver, providing hand-held terminals for suppliers not using DEX, and/or establish continuous receiving for six hours.

8 OPPORTUNITY - Shelf space allocations for perishable DSD products often don't match up with inventory requirements, causing **excessive returns**.

Suggested key practice - Reallocate shelf space for fresh product.

9 OPPORTUNITY - Invoice errors continue to be a problem.

Suggested key practice - Reward trading partners that have accurate invoices.

10 OPPORTUNITY - Many drivers, including some with hand-held terminals, must still complete daily recap sheets.

Suggested key practice - Use DEX equipment or other existing hand-held computers to transmit field data and eliminate driver recaps.

11 OPPORTUNITY - The potential speed of the automated receiving process depends on the amount of interference to the FM system.

Suggested key practice - Move FM antennae and change frequencies to ensure receivers get the quickest signal.

12 OPPORTUNITY - Sometimes drivers and receivers are forced to overhandle product in the vendor and receiver scan environment.

Suggested key practice - Improve efficiencies of non-DEX transactions in an automated receiving environment by such activities as: developing a unit UPC bar code that can be scanned in lieu of scanning items that are difficult to handle; print inner-pack UPC bar codes on the case pack; combine invoices to reduce the total number of invoices processed; and begin using DEX.

13 OPPORTUNITY - Handling returns at the back door is difficult with multipack products like beverages. If deliveries are recorded in the system as full cases rather than inner-packs, then the DEX/NEX application can't convert the delivery to single units.

Suggested key practice - Follow DEX/UCS standards and receive product

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in inner-packs or single units rather than full cases.

14 OPPORTUNITY - Invoice discrepancies can lock up the automated receiving system and create a driver pile-up.

Suggested key practice - Provide multiple hand-held terminals and ports at the back door, to reduce receiving delays.

15 OPPORTUNITY - Many route-sell suppliers continue to rely on manual route inventory systems and many retailers continue to use outdated receiving systems.

Suggested key practice - Invest in a DEX system to eliminate manual tests and improve delivery accuracy.

16 OPPORTUNITY - All suppliers, regardless of the normal accuracy of their deliveries, are received in the same manner.

Suggested key practice - Implement totals-only receiving to reduce invoice verification time.

17 OPPORTUNITY - Receivers experiencing time constraints will overuse totals-only receiving.

Suggested key practice - Require item-level detail to be transmitted for all transactions at the back door.

18 OPPORTUNITY - Even with DEX, receivers and drivers spend too much time printing, reprinting and mailing paper invoices to headquarters.

Suggested key practice - Use electronic signatures as proof of delivery and track driver/receiver accuracy.

19 OPPORTUNITY - Retailer and supplier item files don't match.

Suggested key practice - Compare both item files to ensure item-level, detailed information matches.

20 OPPORTUNITY - Many companies have overlooked NEX.

Suggested key practice - Implement NEX to expand both headquarters and store-level efficiencies.

21 OPPORTUNITY - Drivers and receivers find NEX delivery notices (894s) difficult to adjust.

Suggested key practice - Work with NEX application vendors to redesign notices.

22 OPPORTUNITY - When the EDI communications loop isn't completed, manual adjustments to advance delivery notices at the supplier's headquarters are often required.

Suggested key practice - Fully automate delivery verification using the 895 delivery acknowledgment/ adjustment set.

Choose your method

As part of the DSD pilot program with Ralphs and Save Mart, four automated receiving methods were observed:

1 DEX/UCS (direct exchange/ Uniform Communication Standard) - A store-level business information exchange system that extends UCS to support DSD by allowing direct data transfer between a vendor's delivery person and the in-store receiving agent. (UCS is a set of standard grocery industry transaction sets that allows computer-to-computer (paperless) exchange of documents between trading partners. DEX and NEX, or network exchange, are UCS sub-standards. The standard for UCS, DEX and NEX are all maintained by the Uniform Code Council.)

With this method, the vendor agent (salesperson/broker/driver) is equipped with a hand-held terminal that processes order details. Using the terminal, the agent builds a delivery invoice (or credit) as product is assembled. The invoice information is then sent via a cable port to the store's computer. The delivery information is then retrieved by the receiver using the hand-held terminal via FM radio. The receiver pulls up the invoice and verifies each item involved in the delivery system.

Once an item count has been verified by the receiver, the terminal is directly connected to the store's computer and the information is downloaded. The data is transmitted to the retailer's accounting department for reconciliation and payment. DEX/UCS operates without other networks.

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The drivers might not have their own computer equipment. In such cases there are two options for getting information into the store computer. These constitute the second and third automated receiving methods.

2. Vendor scan - Under a vendor scan option, the supplier generates the delivery in the UPC code, quantity and cost for every item on the invoice. Then the supplier plugs directly into the receiver's DEX port and transmits information. The receiver then uses the store's FM hand-held computer to pull up the invoice and verifies the delivery by looking at each item and comparing quantities and costs.

3. Receiver scan - This method functions the same way as the vendor scan system, except that it is the receiver's job to scan in the delivery and transmit it to the store's computer.

4 NEX - NEX supports communications links between off-based computer systems over public communications networks. NEX/UCS is used by both supermarketers and mass merchants and provides several additional benefits when used in connection with DEX, including the ability to automate post-delivery accounts payable and receivable; the maintenance of data files on products, costs, portions and delivery authorization; and the minimization of payment discrepancies and the reduction of the time needed to correct them.

Under NEX, automated invoices are electronically transmitted from the vendor's headquarters to retail headquarters and finally down to the store. This system allows NEX invoices to be at the store and in the receiver's FM hand-held terminal when the vendor's driver arrives.

The driver then uses a predetermined pick slip to select product off the truck. The NEX invoice is pulled up to verify the delivery; the invoice is closed and transmitted by the receiver back to his or her office, which in turn transmits it to the supplier's headquarters. With NEX, suppliers are not require to have their own hand-held terminals.

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SPECIAL FEATURES: illustration; photograph

INDUSTRY CODES/NAMES: FOOD Food, Beverages and Nutrition; RETL

Retailing

DESCRIPTORS: Grocery industry--Distribution; Distribution of goods-- Management

PRODUCT/INDUSTRY NAMES: 5141000 (Groceries Wholesale); 5411000 (Grocery Stores); 2000000 (Food & Kindred Products)

SIC CODES: 5141 Groceries, general line; 5411 Grocery stores; 2000

FOOD AND KINDRED PRODUCTS

FILE SEGMENT: TI File 148

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File 15:ABI/Inform(R) 1971-2004/Aug 04  
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File 75:TGG Management Contents(R) 86-2004/Jul W4  
    (c) 2004 The Gale Group  
File 95:TEME-Technology & Management 1989-2004/Jun W1  
    (c) 2004 FIZ TECHNIK

Set	Items	Description
S1	1135141	(SUPPLY? OR SUPPLIES OR INVENTORY OR INVENTORIES OR STOCK - OR STOCKING) (3N) (CHAIN? ? OR FULFILLMENT OR LOGISTIC? OR DISTRIBUT? OR MANAG? OR CONTROLL? OR FACILITAT? OR HANDL? OR COORDINAT? OR SYNCHRONI? OR OPTIMI?) OR SCM OR SCEM
S2	325302	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (5N) (INVENTORY OR STOCK OR INVENTORIES)
S3	97003	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (3N) (DELIVERS OR DELIVERED OR RECEIVED OR RECEIVING)
S4	266	(REJECT? OR "NOT"() (ACCEPT? OR RECEIV?)) (2N) (EXCESS OR OVER() (SUPPLY? OR SUPPLIED))
S5	126	(DECISION() SUPPORT OR DSS OR DECIDE? OR DECIDING) (3N) (ACCEPT OR REJECT OR RECEIVE) (S) (VOLUME? OR TOTAL() (SHIPPED OR AMOUNT) OR (MEET? OR EXCEED? OR BELOW) () (REQUIREMENT? OR ORDER?))
S6	0	S1(3S) (S2 OR S3) (3S) (S4 OR S5)
S7	2	S1(2S) S4
S8	1	(S2 OR S3) (2S) S4
S9	42206	S1(2S) (S2 OR S3)

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S10 342 (VOLUME? OR TOTAL())(RECEIVED OR ACCEPTED OR ORDERED OR AMOUNT?) (5W)(MEET? OR EXCEED? OR BELOW OR MET)() (REQUIREMENT? OR ORDER?)\n  
S11 3 S7 OR S8  
S12 3 RD (unique items)  
S13 24 S1(2S)S10  
S14 27 S12 OR S13  
S15 10 RD (unique items)  
?

Search Report from Ginger R. DeMille

? t15/3,k/all

15/3,K/1 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01141169 97-90563  
**Playing service roulette**  
Ellis, Debra Wilson  
Catalog Age v12n11 PP: 131-137 Oct 1995  
ISSN: 0740-3119 JRNL CODE: CTA  
WORD COUNT: 1231

...TEXT: analysis and documentation of historical information provides the backbone for balancing service and risk in **inventory management**, order-processing efficiency and delivery time.

An effective **inventory management** program that maximizes service levels while minimizing costs improves the results of every catalog company...

... service levels increase the costs associated with backorders, cancellations, returns and reduced customer retention. Every **inventory management** program needs to find the appropriate balance between high and low service levels.

Realistically, however, even if your **inventory volume exceeds requirements**, the mix will still result in back-orders. An inventory risk table weighs the costs...

...analysis to accurately determine optimal inventory levels.

Evaluation of order-processing efficiency is similar to **inventory management**. It begins with analysis of historical information to determine current service levels. The order-processing...

15/3,K/2 (Item 2 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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00774384 94-23776  
**Logistics planning shifts into reverse**  
Barry, Jack; Girard, Greg; Perris, Cynthia  
Journal of European Business v5n1 PP: 34-38 Sep/Oct 1993  
ISSN: 1044-002X JRNL CODE: JER  
WORD COUNT: 2150

...ABSTRACT: more. In parts of Europe, manufacturers are responsible for taking back and disposing of packaging, **rejects** and **excess**, as well as curing any environmentally unfriendly aspect of the end product. To comply with...

... their recyclability. So far, the green movement in Europe has had the greatest effect on **supply chain logistics** in Germany, which has adopted the toughest recycling law in the world. However, similar laws...  
...TEXT: conscious customers, are demanding more.

In fact, as they rationalize their European operations and pursue **supply**

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chain logistic strategies, many companies may be wondering, "Where is that 15 to 20 percent cost savings..."

...parts of Europe, the manufacturer is now responsible for taking back and disposing of packaging, rejects and excess, as well as curing any environmentally unfriendly aspect of the end product. As a result of these laws, Single Market opportunities are no longer the only driving force behind supply chain logistics management. Traditional approaches to logistics management are giving way to "green logistics."

To comply with these...

...grave product management demands life cycle planning that emphasizes environmental issues. As a result, green logistics affects the entire supply chain.

BACKWARDS THINKING

In Europe, a variety of green rules and regulations affect everything from packaging...

15/3,K/3 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
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07770395 Supplier Number: 64993030 (USE FORMAT 7 FOR FULLTEXT)  
**Berks Packing Selects VISUAL DCMS from Lilly Software; Cites High Volume Shipping and Lot Tracking Control.**  
Business Wire, p0088  
Sept 5, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 461

... Florida, and rapidly expanding into a nationwide company, Berks Packing needed a system that offered inventory control, space optimization, and high volume order management to meet the competitive demands of the food processing industry. VISUAL DCMS is part of Lilly Software...

15/3,K/4 (Item 2 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07142312 Supplier Number: 60815318 (USE FORMAT 7 FOR FULLTEXT)  
**3Com and Natsteel Electronics, Ltd., Form Strategic Manufacturing Alliance; NatSteel to Acquire 3Com's Mount Prospect, Ill.-based Manufacturing Facility. (Company Business and Marketing)**  
EDGE: Work-Group Computing Report, pNA  
March 27, 2000  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 411

... our customers as quickly as possible," said John McClelland, senior vice president of 3Com's Supply Chain Operations. "This strategic

Search Report from Ginger R. DeMille

alliance with NEL gives 3Com access to state-of-the-art manufacturing, and high-technology configure-to-order and high **volume** build-to- **order** capabilities to **meet** that goal."

"3Com's 690,000-square foot facility establishes a significant presence for NEL..."

15/3,K/5 (Item 3 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07127570 Supplier Number: 60523212 (USE FORMAT 7 FOR FULLTEXT)  
**SINGAPORE'S NATSTEEL, 3COM IN MANUFACTURING ALLIANCE.**

AsiaPulse News, p0256  
March 21, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 354

... access to state-of-the-art manufacturing, and high-technology configure-to-order and high **volume** build-to- **order** capabilities to **meet** that goal," said John McClelland, senior vice president of 3Com's **Supply Chain Operations**.

The 690,000-square foot 3Com facility will establish another presence for NEL in...

15/3,K/6 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

03521789 Supplier Number: 44935072 (USE FORMAT 7 FOR FULLTEXT)  
**3M Distribution Moves Address Electronic Purchasing Needs**  
Electronic News (1991), p38  
August 22, 1994  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 1033

... Sue Lyons, NEDA executive VP, notes that OEMs need to change their high sales and **volume requirements** to **meet** the differing replacement market needs: 'MRO **distributors** have to **stock** what the customer needs in the quantities they need them, rather than take whatever the...

15/3,K/7 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c) 2004 The Gale Group. All rts. reserv.

08667664 SUPPLIER NUMBER: 18216261 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Securities litigation reform: the long and winding road to the Private Securities Litigation Reform Act of 1995.**  
Avery, John W.  
Business Lawyer, 51, n2, 335-378  
Feb, 1996  
ISSN: 0007-6899 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 22603 LINE COUNT: 01802

Search Report from Ginger R. DeMille

... by the plaintiff, a contingency fee would be awarded only with respect to recovery in excess of the rejected offer. See Lester Brickman et al., Rethinking Contingency Fees (Studies for the New American Century...).

15/3,K/8 (Item 2 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07535045 SUPPLIER NUMBER: 16243246 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**3M distribution moves address electronic purchasing needs.**  
Evans, Dick  
Electronic News (1991), v40, n2028, p38(2)  
August 22, 1994  
ISSN: 1061-6624 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 1085 LINE COUNT: 00088

... change their high sales and volume requirements to meet the differing replacement market needs: "MRO distributors have to stock what the customer needs in the quantities they need them, rather than take whatever the..."

15/3,K/9 (Item 1 from file: 160)  
DIALOG(R)File 160:Gale Group PROMT(R)  
(c) 1999 The Gale Group. All rts. reserv.

00266564  
**Tight supplies and long lead times for semiconductor device delivery have brought about a 'gray market' as customers have been forced to purchase parts outside normal channels.**  
Electronic News August 20, 1973 p. 1,381

... users selling off excess inventory--OEMs who have an excess or have gone bankrupt, franchised distributors with excess stock , government operations relocating or shutting down and distributors who have gone out of business or...

...not have return privileges on the inventory. Semiconductor manufacturers have also been known to sell reject or excess stock without regard to the possibility of resale through other-than-authorized outletsP All these ...

15/3,K/10 (Item 1 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

08231166 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Toys 'R' Us Reports 3rd Quarter 1999 Results; U.S.A. Comparable Toy Store Sales Up 13% - Highest Increase in Over 10 Years**  
PR NEWSWIRE  
November 15, 1999  
JOURNAL CODE: WPRW LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 1605

Search Report from Ginger R. DeMille

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... increased tenfold just in the last week, and we are continuing to process a record **volume** of **orders**. To **meet** this unprecedented demand, we have added and continue to add a significant number of servers...

?

Search Report from Ginger R. DeMille

? show files;ds  
File 63:Transport Res(TRIS) 1970-2004/Jul  
(c) fmt only 2004 Dialog Corp.

Set	Items	Description
S1	2449	(SUPPLY? OR SUPPLIES OR INVENTORY OR INVENTORIES OR STOCK - OR STOCKING) (3N) (CHAIN? ? OR FULFILLMENT OR LOGISTIC? OR DISTRIBUT? OR MANAG? OR CONTROLL? OR FACILITAT? OR HANDL? OR COORDINAT? OR SYNCHRONI? OR OPTIMI?) OR SCM OR SCEM
S2	574	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (5N) (INVENTORY OR STOCK OR INVENTORIES)
S3	132	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (3N) (DELIVERS OR DELIVERED OR RECEIVED OR RECEIVING)
S4	0	(REJECT? OR "NOT"() (ACCEPT? OR RECEIV?)) (2N) (EXCESS OR OVERR()) (SUPPLY? OR SUPPLIED)
S5	0	(DECISION() SUPPORT OR DSS OR DECIDE? OR DECIDING) (3N) (ACCEPT OR REJECT OR RECEIVE) (S) (VOLUME? OR TOTAL() (SHIPPED OR AMOUNT) OR (MEET? OR EXCEED? OR BELOW) () (REQUIREMENT? OR ORDER?))
S6	0	S1(3S)(S2 OR S3)(3'S)(S4 OR S5)
S7	0	S1(2S)S4
S8	0	(S2 OR S3)(2S)S4
S9	54	S1(2S)(S2 OR S3)
S10	0	(VOLUME? OR TOTAL() (RECEIVED OR ACCEPTED OR ORDERED OR AMOUNT)) (5W) (MEET? OR EXCEED? OR BELOW OR MET) () (REQUIREMENT? OR ORDER?)
S11	0	S7 OR S8
S12	0	RD (unique items)
S13	0	S1(2S)S10
S14	0	S12 OR S13
S15	0	RD (unique items)
S16	53	RD S9 (unique items)
S17	41	S16 NOT PY>2001

? t17/3,k/all

17/3,K/1

DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2004 Dialog Corp. All rts. reserv.

00923541 PR  
**TITLE: DIGITAL SIGN INVENTORY**  
**INVESTIGATOR: SZCZAWINSKI,A**  
**PERFORMING ORGANIZATION: British Columbia. Ministry of Transportation and Highways , P.O. Box 9850, Stn Prov Govt, Victoria, V8W 9T5 Canada**  
**FUNDING AGENCY: British Columbia. Ministry of Transportation and Highways , P.O. Box 9850, Stn Prov Govt , Victoria, V8W 9T5 Canada**  
**REPORT ISSUE TITLE: Szczawinski,A. Digital sign inventory project. British Columbia . Ministry of Transp & Highways, 2001.**  
**PUBLICATION DATE: 00000000 PUBLICATION YEAR: 0000**  
**LANGUAGE: English SUBFILE: TRAIS (T)**  
**SOURCE ACCESSION NUMBER: 200105RT357E**  
**NOTICE DATE: 20020206**  
**DATA SOURCE: Transportation Association of Canada**  
**PROJECT START DATE: 20000000**  
**COMPLETION DATE: 20010000**  
**STATUS: Completed**

Search Report from Ginger R. DeMille

ABSTRACT: The Digital Sign Inventory Project will create a digital inventory from "Hard Copy" records of all Highway Guide and Information Signs (approximately 10,000 records) and combine with on... questionnaire information into a digital format and then merged with the master database containing sign record information; a web based Sign Inventory Manager program is developed to enable searches and reporting for any sign record (eg, all G...)

17/3,K/2

DIALOG(R)File 63:Transport Res(TRIS)  
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00913814 DA

TITLE: REAL-TIME LOCATION SYSTEMS TAKE ASSET TRACKING TO NEW LEVEL

AUTHOR(S): BY KURT C. HOFFMAN.

JOURNAL: GLOBAL LOGISTICS & SUPPLY CHAIN STRATEGIES,

SUPPLEMENTAL NOTES: GLOBAL LOGISTICS & SUPPLY CHAIN STRATEGIES, V. 5, NO. 10 (OCT. 2001), P. 52-59: ILL.

PUBLICATION DATE: 20011000 PUBLICATION YEAR: 2001

LANGUAGE: ENGLISH SUBFILE: TLIB (L)

DATA SOURCE: NORTHWESTERN UNIVERSITY TRANSPORTATION LIBRARY

ABSTRACT: SUBTITLE: TECHNOLOGY THAT USES RADIO FREQUENCY IDENTIFICATION DEVICE S AND REMOTE READERS TO TRACK INVENTORY AND OTHER ASSETS IN REAL TIME IS JUST BEGINNING TO GAIN TRACTION WITHIN LARGE COMPANIES, BUT REAL-TIM E LOCATION SYSTEMS HAVE MANY USES WITHIN THE SUPPLY CHAIN AND MAY EVENTUALLY BECOME A STANDARD PART OF THE INFRASTRUCTURE.

17/3,K/3

DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2004 Dialog Corp. All rts. reserv.

00835964 DA

TITLE: DETERMINATION OF NEAR OPTIMAL STOCK LEVELS FOR MULTI-ECHELON DISTRIBUTION INVENTORIES .

AUTHOR(S): BY JAMES M. MASTERS (OHIO STATE UNIVERSITY).; MASTERS, JAMES M., CORPORATE SOURCE: MASTERS, JAMES M.,

JOURNAL: JOURNAL OF BUSINESS LOGISTICS,

SUPPLEMENTAL NOTES: JOURNAL OF BUSINESS LOGISTICS, V. 14, NO. 2 (1993), P. 165-195: CHARTS.

PUBLICATION DATE: 19930000 PUBLICATION YEAR: 1993

LANGUAGE: ENGLISH SUBFILE: TLIB (L)

DATA SOURCE: NORTHWESTERN UNIVERSITY TRANSPORTATION LIBRARY

TITLE: DETERMINATION OF NEAR OPTIMAL STOCK LEVELS FOR MULTI-ECHELON DISTRIBUTION INVENTORIES .

17/3,K/4

DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2004 Dialog Corp. All rts. reserv.

00820508 DA

TITLE: HANDBOOKS IN TRANSPORT. VOLUME 2 - HANDBOOK OF LOGISTICS AND SUPPLY-CHAIN MANAGEMENT. CHAPTER 14. WAREHOUSING: A KEY LINK IN TH E

Search Report from Ginger R. DeMille

**SUPPLY CHAIN**

AUTHOR(S): BREWER, A(ED); BUTTON, KJ(ED); HENSHER, DA(ED); ACKERMAN, KB;  
BREWER, AM

CORPORATE SOURCE: ELSEVIER SCIENCE LTD, THE BOULEVARD, LANGFORD LANE,  
KIDLINGTON, OXFORD, OX5 1GB, UNITED KINGDOM

Pag: 225-37

PUBLICATION DATE: 20010000 PUBLICATION YEAR: 2001

LANGUAGE: ENGLISH SUBFILE: IRRD (I)

IRRD DOCUMENT NUMBER: E110827

ISSN: 1472-7889 ISBN: 0-080-43593-9

REFERENCES: 8

DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: warehousing are storage and the implementation of flows of goods from one part of the **supply chain** to another. Warehouse management systems use electronic data interchange, real-time tracking of orders and **inventory**, labour/activity reports, and the direction of multiple processes within the distribution centre itself. Changes...

17/3,K/5

DIALOG(R)File 63:Transport Res(TRIS)

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00816520 DA

**TITLE: APPLYING GOVERNMENTAL ACCOUNTING STANDARDS BOARD STATEMENT 34:  
LESSONS FROM THE FIELD**

AUTHOR(S): Kadlec, AJ; McNeil, S

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW, Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1747 Pag: pp  
123-128

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Record No. 1747, Transportation and Public Policy 2001.

PUBLICATION DATE: 20010000 PUBLICATION YEAR: 2001

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: 03611981 ISBN: 0309072069

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418

ORDER NUMBER: N/A

FIGURES: 1 Fig. TABLES: 4 Tab.

REFERENCES: 13 Ref.

DESCRIPTORS: State government; Local government; Valuation; Infrastructure;  
Assets; Asset management; Guidelines; Case studies; Pavement  
**management systems; Inventory ; Calculation ; Hopkins (Minnesota);**  
Governmental Accounting Standards Board

17/3,K/6

DIALOG(R)File 63:Transport Res(TRIS)

(c) fmt only 2004 Dialog Corp. All rts. reserv.

00814065 DA

**TITLE: NATIONAL ITS/INTERMODAL FREIGHT PROGRAM REQUIREMENTS**

AUTHOR(S): Grenzeback, L; Markert, M

CORPORATE SOURCE: Cambridge Systematics, Incorporated, 150 Cambridge Park  
Drive, Suite 4000, Cambridge, MA, 02140-, Federal Highway  
Administration, Office of Acquisition Management, 400 7th Street, SW,

Search Report from Ginger R. DeMille

Washington, DC, 20590,  
REPORT NUMBER: Final Report  
Pag: 135p  
PUBLICATION DATE: 19991000 PUBLICATION YEAR: 1999  
LANGUAGE: English SUBFILE: HRIS; RRIS; ATRIS; MRIS (H; R; A; M)  
ISSN: N/A  
BIBLIOGRAPHIC/DATA APPENDICES: 6 App.  
AVAILABILITY: National Technical Information Service; 5285 Port Royal Road  
; Springfield; VA ; 22161  
ORDER NUMBER: PB2000-104636INZ  
FUNDING TYPE: Contract  
CONTRACT/GRANT NUMBER: DTFH61-93-C-00084  
FIGURES: Figs. TABLES: 5 Tab.

...ABSTRACT: role in developing and applying advanced information technology to shipment and asset management, including shipment tracing and information systems; inventory and stowage management systems; and asset location and management systems. There has been parallel development of ITS by...

17/3,K/7

DIALOG(R)File 63:Transport Res(TRIS)  
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00810824 DA  
TITLE: SYNERGY PROGRAM IN SAN DIEGO, CALIFORNIA  
AUTHOR(S): Levy, J; Mueller, E  
CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC 20418,  
JOURNAL: CONFERENCE PROCEEDINGS 23 Pag: pp 81-85  
PUBLICATION DATE: 20010000 PUBLICATION YEAR: 2001  
LANGUAGE: English SUBFILE: HRIS (H)  
ISSN: 10731652 ISBN: 0309067472  
AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418  
ORDER NUMBER: N/A  
CONFERENCE TITLE: Ninth Maintenance Management Conference

...ABSTRACT: California) Street Maintenance Division developed the Synergy Program to improve working methods and employee responsibilities, track performance measures, maintain inventories , and implement new technologies. As changes took place, the need for an effective and integrated inventory and work management system became critical. To develop a new system for inventory and work management , an enterprise resource planning system proposed by SAP America was chosen. The proposed system provided full inventory and work management functionality and required reengineering business practices to use the "best practices" proven by major organizations...

17/3,K/8

DIALOG(R)File 63:Transport Res(TRIS)  
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00806425 DA  
TITLE: APPLICATIONS FOR IMPROVED INVENTORY MANAGEMENT FOR PUBLIC TRANSIT SYSTEMS  
AUTHOR(S): Thomas, Susan; Kilpatrick, Michael

Search Report from Ginger R. DeMille

CORPORATE SOURCE: Transit Cooperative Research Program, Transportation Research Board, 2101 Constitution Avenue, NW, Washington, DC, 20418-, Draycott Consulting, Incorporated, Alexandria, VA,  
REPORT NUMBER: TCRP Project E-3A, Contractor Final Report  
JOURNAL: TCRP Web Document 17 Pag: 104p  
PUBLICATION DATE: 20010100 PUBLICATION YEAR: 2001  
LANGUAGE: English SUBFILE: UMTRIS (U)  
BIBLIOGRAPHIC/DATA APPENDICES: 4 App.  
TABLES: 9 Tab.

...ABSTRACT: documents and presents the results of a Testing and Demonstration Project on applications for improved **inventory management** for public transit systems. This project is a follow-up to an earlier study on **inventory management** for bus and rail public transit systems. The conclusions reached in the initial research project...  
...including the use of technology. The results of the case studies were then analyzed to determine the relationships between **inventory control factors** and **management performance**, the conditions under which **inventory management** techniques are best applied, and implementation issues and solutions to potential problems when applying the...  
...**inventory control techniques** were also identified. The case study results are used in the revised " **Inventory Management** Desk Guide" to illustrate the application of **inventory management** techniques.

17/3,K/9

DIALOG(R)File 63:Transport Res(TRIS)  
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00806422 DA

**TITLE: REVISED INVENTORY MANAGEMENT DESK GUIDE**

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418-,

JOURNAL: TCRP Research Results Digest Issue Number: 40 Pag: 42p

PUBLICATION DATE: 20001000 PUBLICATION YEAR: 2000

LANGUAGE: English SUBFILE: UMTRIS (U)

ISSN: N/A

BIBLIOGRAPHIC/DATA APPENDICES: 1 App.

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418-

ORDER NUMBER: N/A

FIGURES: 11 Fig. TABLES: 14 Tab.

ABSTRACT: This digest summarizes the results from five case studies conducted and analyzed to determine the relationship between **inventory control** and **management** , the conditions under which **inventory management** techniques are best applied, and the solutions to potential problems when applying the **inventory control**...

...of **inventory control** techniques. The contents are organized as follows: Introduction; Chapter 1 - Overview to **Managing Inventory** ; Chapter 2 - **Inventory Management** Organization; Chapter 3 - **Inventory Decisions**; Chapter 4 - Purchasing; Chapter 5 - Storehouse Operations; Chapter 6 - Parts **Management** ; Chapter 7 - **Inventory Accounting and Physical Control**; Chapter 8 - Evaluating the **Inventory Management**

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Function; and Appendix - Sample Forms.

**17/3,K/10**

DIALOG(R)File 63:Transport Res(TRIS)  
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00797105 DA

**TITLE: TRANSPORTATION AND LOGISTICS IN CANADA: AN ECONOMICAL AND  
STATISTICAL OVERVIEW**

AUTHOR(S): White, K

CORPORATE SOURCE: Saskatchewan University, Canada, Saskatoon, Saskatchewan  
S7N 0W0 , Canada

Pag: pp 325-339

PUBLICATION DATE: 19950000 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: RRIS; ATRIS; MRIS; HRIS (R; A; M; H)

ISSN: 11832770

AVAILABILITY: Saskatchewan University, Canada ; Saskatoon, Saskatchewan  
S7N 0W0 ; Canada

ORDER NUMBER: N/A

FIGURES: Figs. TABLES: Tabs.

CONFERENCE TITLE: Cooperation - Competition - Commercialization. Canadian  
Transportation Research Forum, Proceedings of the 30th Annual Meeting

...ABSTRACT: the relationship between transportation services demand and  
the overall efficiency of moving goods throughout the **supply chain** ;  
3. examine the changing demand structure for air, rail, water and  
truck; 4. estimate other...

...as wrapping, crating and other preparations for distributing goods and  
services; 5. assess changes in **inventory management** techniques to  
**determine** if there has been a structural shift in inventory holding  
behavior amongst the players; and 6. assess the extent companies are  
reengineering their **supply chains** to meet the challenges of  
increased competition, global trade and demands for better customer  
service.

**17/3,K/11**

DIALOG(R)File 63:Transport Res(TRIS)  
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00795318 DA

**TITLE: SYNERGY WITH SAP AND GIS**

AUTHOR(S): Levy, J; Mueller, E

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418,

REPORT NUMBER: Session B

Pag: 10p

PUBLICATION DATE: 20000000 PUBLICATION YEAR: 2000

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: N/A

AVAILABILITY: Transportation Research Board Library; 2101 Constitution  
Avenue, NW ; Washington; DC ; 20418-

ORDER NUMBER: N/A

CONFERENCE TITLE: Ninth AASHTO/TRB Maintenance Management Conference

...ABSTRACT: manage. To address these challenges, a goal was set to  
complete a major new service **tracking** , work **management** , **inventory**  
**management** , and **management** information system in one year. To

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achieve this within budget and on schedule seemed an...

17/3,K/12

DIALOG(R)File 63:Transport Res(TRIS)  
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00793113 DA

**TITLE: ASSESSING BRIDGE CAPACITY USING NDE METHODS**

AUTHOR(S): Chajes, MJ; Shenton, HW, III; O'Shea, D

CORPORATE SOURCE: Technomic Publishing Company, Incorporated, 851 New Holland Avenue, Box 3535, Lancaster, PA, 17604-,

Pag: pp 117-122

SUPPLEMENTAL NOTES: This entry in the TRIS database is made from the hardback copy of the conference proceedings, which are also available on CD-ROM.

PUBLICATION DATE: 20000000 PUBLICATION YEAR: 2000

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: N/A ISBN: 1566769493

AVAILABILITY: Technomic Publishing Company, Incorporated; 851 New Holland Avenue, Box 3535 ; Lancaster; PA ; 17604-

ORDER NUMBER: N/A

REFERENCES: 9 Ref.

CONFERENCE TITLE: Structural Materials Technology IV - An NDT Conference

...ABSTRACT: challenge of routing them becomes greater. Accurate condition assessment enables bridge engineers to more effectively manage their bridge inventories . In determining a safe and accurate load-carrying capacity for a bridge, the best model of the...

17/3,K/13

DIALOG(R)File 63:Transport Res(TRIS)  
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00791005 PR

**TITLE: MULTILEVEL INVENTORY SYSTEMS**

INVESTIGATOR: Graves, Stephen

PERFORMING ORGANIZATION: Massachusetts Institute of Technology , Center for Transportation Studies, Cambridge MA 02139

FUNDING AGENCY: Department of Transportation, 400 7th Street, SW , Washington DC 20590

PUBLICATION DATE: 00000000 PUBLICATION YEAR: 0000

LANGUAGE: English SUBFILE: TRAIS; HRIS (T; H)

NOTICE DATE: 20000320

DATA SOURCE: Massachusetts Institute of Technology

STATUS: Active

ABSTRACT: An investigation of both the design and control of multilevel inventory systems, including both distribution and production systems, focusing on lot-sizing, safety stock determination , and the development of general control policies.

17/3,K/14

DIALOG(R)File 63:Transport Res(TRIS)  
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00770334 DA

Search Report from Ginger R. DeMille

**TITLE: INTEGRATION OF GIS AND GPS TECHNOLOGIES FOR AUTOMATED MAINTENANCE OF TRAFFIC CONTROL SIGNS**

**AUTHOR(S): Blaine, T; Braden, C; Komogorova, T**

**CORPORATE SOURCE: Institute of Transportation Engineers, 525 School Street, SW, Suite 410, Washington, DC, 20024-2729,**

**REPORT NUMBER: Publication No. CD-006**

**Pag: 7p**

**SUPPLEMENTAL NOTES: Conference proceedings available only on CD-ROM.**

**PUBLICATION DATE: 19990000 PUBLICATION YEAR: 1999**

**LANGUAGE: English SUBFILE: HRIS (H)**

**ISSN: N/A**

**AVAILABILITY: Institute of Transportation Engineers; 525 School Street, SW, Suite 410 ; Washington; DC ; 20024-2729**

**ORDER NUMBER: N/A**

**CONFERENCE TITLE: Transportation Frontiers for the Next Millennium: 69th Annual Meeting of the Institute of Transportation Engineers**

**...ABSTRACT:** maintenance activities, the county developed a computerized inventory system based on global positioning system (GPS) coordinates . Once the inventory database was established, the county developed a computerized inspection procedure that allows a single technician to drive a selected route, compare existing signs with the inventory database, create a record verifying the inspection of each sign, and generate work orders for any maintenance activities that...

**17/3,K/15**

**DIALOG(R)File 63:Transport Res(TRIS)**

**(c) fmt only 2004 Dialog Corp. All rts. reserv.**

**00754530 DA**

**TITLE: WAGON TRAIN**

**AUTHOR(S): Dando, M**

**CORPORATE SOURCE: Route One Publishing Limited, Vigilant House, 120 Wilton Road , London SW1V 1JZ, England**

**JOURNAL: ITS International Issue Number: 15 Pag: pp 60-61**

**PUBLICATION DATE: 19980400 PUBLICATION YEAR: 1998**

**LANGUAGE: English SUBFILE: RRIS (R)**

**ISSN: 13576542**

**AVAILABILITY: Route One Publishing Limited; Vigilant House, 120 Wilton Road ; London SW1V 1JZ; England**

**ORDER NUMBER: N/A**

**...ABSTRACT:** track management. In the process, rail operators are investing heavily in everything from new standardized tracks to rolling stock and management systems. Automatic identification of rolling stock is a crucial task for Australia's fast changing...

**17/3,K/16**

**DIALOG(R)File 63:Transport Res(TRIS)**

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**00746685 DA**

**TITLE: HIGHWAY SAFETY DATA: COSTS, QUALITY, AND STRATEGIES FOR IMPROVEMENT, FINAL REPORT**

**AUTHOR(S): Pfefer, RC; Raub, RA; Lucke, RE**

**CORPORATE SOURCE: Northwestern University, Evanston, Traffic Institute, 405**

Search Report from Ginger R. DeMille

Church Street, Evanston, IL, 60208-, Federal Highway Administration,  
Turner Fairbank Hwy Res Cntr, 6300 Georgetown Pike, McLean, VA, 22101,  
REPORT NUMBER: FHWA-RD-96-192;3A3B

Pag: 95p

PUBLICATION DATE: 19980100 PUBLICATION YEAR: 1998

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: N/A

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road  
; Springfield; VA ; 22161

ORDER NUMBER: PB98-122807

FUNDING TYPE: Contract

CONTRACT/GRANT NUMBER: DTFH61-91-C-00051

FIGURES: 21 Fig. TABLES: 17 Tab.

PERIOD COVERED: 9112-9601

DESCRIPTORS: HIGHWAY SAFETY; ACCIDENT DATA; COSTS; QUALITY; IMPROVEMENT;  
DATA COLLECTION; DATA MANAGEMENT ; ACCIDENT REPORTS; ROAD INVENTORY ;  
MEDICAL RECORDS ; ACCURACY; COSTS; COST ESTIMATES; STRATEGIES; GOALS;  
BENEFITS

17/3,K/17

DIALOG(R)File 63:Transport Res(TRIS)

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00745800 DA

TITLE: A PROPOSED SIGN MANAGEMENT SYSTEM FOR THE SOUTH CAROLINA DEPARTMENT  
OF TRANSPORTATION. RESEARCH REPORT VOLUME I: BAR CODE APPLICATION PILOT  
PROJECTS

AUTHOR(S): Menezes, M; Blackmon, B; Bell, L

CORPORATE SOURCE: Clemson University, Department of Civil Engineering,  
Clemson, SC , 29634-0911, South Carolina Department of Transportation,  
955 Park Street, P.O. Box 191, Columbia, SC, 29202, Federal Highway  
Administration, 400 7th Street, SW, Washington, DC , 20590,

REPORT NUMBER: FHWA-SC-97-02

Pag: 88p

PUBLICATION DATE: 19971200 PUBLICATION YEAR: 1997

LANGUAGE: English SUBFILE: HRIS (H)

ISSN: N/A

BIBLIOGRAPHIC/DATA APPENDICES: 6 App.

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road  
; Springfield; VA ; 22161

ORDER NUMBER: N/A

FIGURES: 12 Fig.

REFERENCES: 20 Ref.

DESCRIPTORS: SOUTH CAROLINA; BAR CODES; VOICE RECOGNITION; GLOBAL  
POSITIONING SYSTEMS; GEOGRAPHIC INFORMATION SYSTEMS; DIGITIZED  
PHOTOGRAPHY; DATA MANAGEMENT ; DEMONSTRATION PROJECTS; INVENTORY  
CONTROL; INSPECTION; RECORDS ; DATA DISPLAYS

17/3,K/18

DIALOG(R)File 63:Transport Res(TRIS)

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00731217 DA

TITLE: ISSUES IN LOCAL AREA TRAFFIC MANAGEMENT

AUTHOR(S): BRINDLE, RE

CORPORATE SOURCE: ARRB TRANSPORT RESEARCH LTD, 500 BURWOOD HIGHWAY, VERMONT

Search Report from Ginger R. DeMille

SOUTH , VICTORIA, 3133, AUSTRALIA  
JOURNAL: SPECIAL REPORT Issue Number: 53 Pag: 245-52  
PUBLICATION DATE: 19960300 PUBLICATION YEAR: 1996  
LANGUAGE: ENGLISH SUBFILE: IRRD (I)  
IRRD DOCUMENT NUMBER: 868566  
ISSN: 0572-144X ISBN: 0-86910-697-X  
REFERENCES: 17  
DATA SOURCE: Transport Research Laboratory (TRL)

...ABSTRACT: capability Some possible applications of microcomputers to meet these needs are briefly noted. These include **inventory** and **management** systems, traffic **monitoring**, analysis of traffic generation, testing system effects, analysis of road user behaviour in particular situations...

17/3,K/19

DIALOG(R)File 63:Transport Res(TRIS)  
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00723338 DA  
**TITLE: OIL INVENTORIES SHOULD BE BASED ON MARGINS, SUPPLY RELIABILITY**  
AUTHOR(S): Waguespack, K; Cantor, BD  
CORPORATE SOURCE: PennWell Publishing Company, P.O. Box 1260, Tulsa, OK, 74101,  
JOURNAL: Oil and Gas Journal Vol: 94 Issue Number: 28 Pag: pp 39-41  
PUBLICATION DATE: 19960708 PUBLICATION YEAR: 1996  
LANGUAGE: English SUBFILE: HRIS (H)  
ISSN: 00301388  
AVAILABILITY: PennWell Publishing Company; P.O. Box 1260 ; Tulsa; OK  
; 74101  
ORDER NUMBER: N/A

ABSTRACT: U.S. oil **inventories** have plummeted to their lowest **recorded** levels this year, leading industry observers to conclude that refiners have adopted new just-in...

...not related to a concerted adoption of JIT by U.S. refiners, and that oil **inventory management** decisions should instead be based on refining margins and supply reliability.

17/3,K/20

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00722023 DA  
**TITLE: RADIO FREQUENCY IDENTIFICATION IMPROVING MASS TRANSIT OPERATIONS AND PASSENGER INFORMATION**  
AUTHOR(S): Melzer, CD  
CORPORATE SOURCE: Vertis. Vehicle, Road and Traffic Intelligence Society, 2-3-18, Kudan-Minami, Chiyoda-ku, Tokyo 120, Japan  
REPORT NUMBER: Volume 2  
Pag: p 975  
SUPPLEMENTAL NOTES: Five volumes of papers and one volume of abstracts comprise the published set of conference materials.  
PUBLICATION DATE: 19951100 PUBLICATION YEAR: 1995  
LANGUAGE: English SUBFILE: UMTRIS (U 9501)

Search Report from Ginger R. DeMille

ISSN: N/A

AVAILABILITY: Vertis. Vehicle, Road and Traffic Intelligence Society;  
2-3-18, Kudan-Minami, Chiyoda-ku ; Tokyo; Japan

ORDER NUMBER: N/A

CONFERENCE TITLE: Steps Forward. Intelligent Transport Systems World  
Congress

...ABSTRACT: automatically when needed to keep the vehicles on schedule.  
RFID technology can be used to monitor traffic patterns, perfect  
inventory management , improve scheduling and routing, and reduce  
travel times. RFID-based systems deliver data communications and...

17/3,K/21

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00714999 DA

**TITLE: DEVELOPMENT AND IMPLEMENTATION OF AN AUTOMATED FACILITY INVENTORY  
SYSTEM**

AUTHOR(S): Mastandrea, A; Swindall, B; Klassen, G

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1500 Pag: pp  
127-133

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Record  
No. 1500, Geometric Design, Roadside Safety Features, Roadside Hardware  
Monitoring, and Scenic Loop Tours.

PUBLICATION DATE: 19950000 PUBLICATION YEAR: 1995

LANGUAGE: English SUBFILE: HRIS (H 9501)

ISSN: 03611981 ISBN: 0309061571

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418

ORDER NUMBER: N/A

FIGURES: 7 Fig.

DESCRIPTORS: INFRASTRUCTURE; MANAGEMENT ; MONITORING ; INVENTORIES ;  
DATA COLLECTION; AUTOMATION; ROADSIDE STRUCTURES; TECHNOLOGICAL  
INNOVATIONS; VIDEOTAPE; MEASUREMENTS; COMPUTER APPLICATIONS; TRAFFIC  
SIGNS; ACCURACY; TIME...

17/3,K/22

DIALOG(R)File 63:Transport Res(TRIS)  
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00676673 DA

**TITLE: DESIGN SPECIFICATIONS AND IMPLEMENTATION REQUIREMENTS FOR  
STATE-LEVEL LONG-TERM PAVEMENT PERFORMANCE PROGRAM**

AUTHOR(S): Saeed, A; Weissmann, J; Dossey, T; Hudson, WR

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1455 Pag: pp  
172-177

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Record  
No. 1455, Pavement Management Systems.

PUBLICATION DATE: 19940000 PUBLICATION YEAR: 1994

LANGUAGE: English SUBFILE: HRIS (H 9403)

ISSN: 03611981 ISBN: 030906063X

Search Report from Ginger R. DeMille

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418  
ORDER NUMBER: N/A  
FIGURES: 6 Fig. TABLES: 9 Tab.  
REFERENCES: 12 Ref.

DESCRIPTORS: LONG TERM PAVEMENT PERFORMANCE; STATE PROGRAMS; TEXAS; RIGID  
PAVEMENTS; COMPUTER MODELS; PAVEMENT MANAGEMENT ; INVENTORIES ;  
MONITORING ; DATA COLLECTION; CASE STUDIES; DESIGN STANDARDS;  
IMPLEMENTATION

17/3,K/23

DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2004 Dialog Corp. All rts. reserv.

00676666 DA

TITLE: MAINTENANCE PLANNING METHODOLOGY FOR STATEWIDE PAVEMENT MANAGEMENT  
AUTHOR(S): George, KP; Uddin, W; Ferguson, PJ; Crawley, AB; Shekharan, AR  
CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418

JOURNAL: Transportation Research Record Issue Number: 1455 Pag: pp  
123-131

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Record  
No. 1455, Pavement Management Systems.

PUBLICATION DATE: 19940000 PUBLICATION YEAR: 1994

LANGUAGE: English SUBFILE: HRIS (H 9403)

ISSN: 03611981 ISBN: 030906063X

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418

ORDER NUMBER: N/A

FIGURES: 5 Fig. TABLES: 5 Tab.

REFERENCES: 7 Ref.

...ABSTRACT: by using the FOXPRO data base software. Four major subsystems  
are identified: (a) a pavement management system inventory and  
monitoring data base, (b) condition data analysis accomplished through  
interface program, (c) a maintenance, planning, and...

17/3,K/24

DIALOG(R)File 63:Transport Res(TRIS)  
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00626026 DA

TITLE: ALLOCATING RESOURCES TO SUPPORT A MULTICOMMODITY FLOW WITH TIME  
WINDOWS

AUTHOR(S): Rathi, AK; Church, RL; Solanki, RS

CORPORATE SOURCE: British Columbia University, Canada, Center for  
Transportation Studies, Vancouver V6T 1W5, BC, Canada

JOURNAL: Logistics and Transportation Review Vol: 28 Issue Number: 2  
Pag: pp 167-188

PUBLICATION DATE: 19920600 PUBLICATION YEAR: 1992

LANGUAGE: English SUBFILE: HRIS (H 9203)

ISSN: 00474991

AVAILABILITY: British Columbia University, Canada; Center for  
Transportation Studies ; Vancouver V6T 1W5; BC; Canada

TABLES: Tabs.

REFERENCES: Refs.

Search Report from Ginger R. DeMille

ABSTRACT: This paper presents mathematical models for a macro level analysis of a **supply logistics** problem. The problem involves the allocation of a limited number of transport resources (assets) towards ...  
... statement of the problem. These formulations attempt to minimize the amount of cargo which is **delivered** late by **determining** the most appropriate assets to be allocated to movement requirements in each time period. A...

17/3,K/25

DIALOG(R)File 63:Transport Res(TRIS)  
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00621130 DA

**TITLE: NEW SIGN SYSTEM MATCHES IMAGES, DATA**

Editor(s): Kuennen, T

CORPORATE SOURCE: Scranton Gillette Communications, Incorporated, 380 Northwest Highway, Des Plaines, IL, 60016,

JOURNAL: Roads and Bridges Vol: 30 Issue Number: 3 Pag: pp 52-58

PUBLICATION DATE: 19920300 PUBLICATION YEAR: 1992

LANGUAGE: English SUBFILE: HRIS (H 9201)

ISSN: 07463111

AVAILABILITY: Scranton Gillette Communications, Incorporated; 380 Northwest Highway ; Des Plaines; IL ; 60016

DESCRIPTORS: RISK MANAGEMENT ; TRAFFIC SIGNS; INVENTORIES ; REPAIRS; LOGGING, RECORDING; TORTS; LIABILITY; CAMERAS; LAPTOP COMPUTERS; GLOBAL POSITIONING SYSTEM

17/3,K/26

DIALOG(R)File 63:Transport Res(TRIS)  
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00498217 DA

**TITLE: DIAGNOSIS AND ASSESSMENT OF DEFECTIVE CONCRETE STRUCTURES**

AUTHOR(S): Hua, W-G; Griffith, MC; Warner, RF

CORPORATE SOURCE: Adelaide University, Australia, Department of Civil Engineering, North Terrace, Adelaide, South Australia 5001, Australia

Issue Number: R83 Pag: 19p

PUBLICATION DATE: 19890800 PUBLICATION YEAR: 1989

LANGUAGE: English SUBFILE: HRIS; IRRD (H; I)

DATA SOURCE: Transport and Road Research Laboratory

...ABSTRACT: is a worldwide problem for civil and structural engineers. Various approaches can be used for **managing** infrastructure **stock** such as bridges, buildings and pipelines. Specific techniques include preventive maintenance, just in time maintenance...

...essential preliminary step in infrastructure management is the assessment of each major item of existing **stock** in order to **determine** its current condition, to identify any defects, inadequacies and faults, to predict the future rate...

17/3,K/27

Search Report from Ginger R. DeMille

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00485241 DA

**TITLE: AUTOMATIC INVENTORY SYSTEM AT THE SP INTERMODAL CONTAINER TRANSFER  
FACILITY**

AUTHOR(S): Stiles, RD

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC 20418,

JOURNAL: Transportation Research Circular Issue Number: 350 Pag: pp  
17-18

SUPPLEMENTAL NOTES: This paper appears in Transportation Research Circular  
No. 350, Ports, Waterways, Intermodal Terminals, and International  
Trade Transportation Issues, Proceedings of the 13th Annual Summer  
Conference, July 19-22, 1988, Seattle, Washington.

PUBLICATION DATE: 19890500 PUBLICATION YEAR: 1989

LANGUAGE: English SUBFILE: RRIS; MRIS (R; M)

ISSN: 00978515

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418

ABSTRACT: system, conceived by the SP to utilize their existing TOPS/TCC  
systems integrated with slot monitors and a mobile inventory  
system. The SP's terminal inventory system at the ICTF sets the  
industry standards for maintaining a real time inventory and a  
managerial resource.

17/3,K/28

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00473133 DA

**TITLE: AUTOMATED DATA ACQUISITION FOR LOW-VOLUME ROAD INVENTORY AND  
MANAGEMENT**

AUTHOR(S): Hopwood, T, II; Sharpe, GW; Hutchinson, JW; Deen, RC

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Vol: 2 Issue Number: 1106  
Pag: pp 67-73

SUPPLEMENTAL NOTES: This paper appeared in Transportation Research Record  
N1106, Fourth International Conference on Low-Volume Roads, Volume 2.

PUBLICATION DATE: 19870000 PUBLICATION YEAR: 1987

LANGUAGE: English SUBFILE: HRIS (H 8704)

ISSN: 03611981 ISBN: 0-309-04454-5

AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418

FIGURES: 8 Fig.

REFERENCES: 5 Ref.

ABSTRACT: Local governments need suitable inventories and condition  
surveys to accurately determine and rank their road funding needs.  
The data can be collected and processed by a central inventory  
management group. The inventory should include pavement  
characteristics, roadway geometrics, and roadside features. A concept  
is presented for a...

...vehicle-mounted photologging system that can, in a single pass, photolog

Search Report from Ginger R. DeMille

the roadway and automatically record measurements necessary to **inventory** and rate roadways. The major functions of a central **inventory management** group are also described. Second-generation photologging systems use either camera or video systems to...

...recording methods are discussed with emphasis on data storage technological improvements. The function of the **inventory management** group is to obtain data and convert it to a usable form. This consists of...

...to rank pavement and traffic safety-related rehabilitations are discussed. The interaction between the central **inventory management** group and the low-volume road agency in preparing the final compiled inventory is also...

17/3,K/29

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00469508 DA

**TITLE: COMPONENT IDENTIFICATION AND INVENTORY OF U.S. ARMY RAILROAD TRACKAGE**

AUTHOR(S): Uzarski, DR; Plotkin, DE; Wagers, SK

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1131 Pag: pp 89-98

SUPPLEMENTAL NOTES: This paper appeared in Transportation Research Record No. 1131, Performance of Aggregates in Railroads and Other Track Performance Issues!

PUBLICATION DATE: 19870000 PUBLICATION YEAR: 1987

LANGUAGE: English SUBFILE: RRIS (R)

ISSN: 03611981 ISBN: 0-309-04515-0

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418

FIGURES: 10 Fig. TABLES: 1 Tab.

REFERENCES: 3 Ref.

DESCRIPTORS: RAILROAD TRACK; TRACK MAINTENANCE PLANNING; MAINTENANCE MANAGEMENT ; MANAGEMENT SYSTEMS; INVENTORY CONTROL; TRACK INSPECTION; DATA ACQUISITION

17/3,K/30

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00453125 DA

**TITLE: SOME SIMPLE METHODS OF MAINTENANCE MANAGEMENT APPROPRIATE FOR DEVELOPING COUNTRIES**

AUTHOR(S): Robinson, R; Snaith, MS

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 1019 Pag: pp 29-35

SUPPLEMENTAL NOTES: This paper appeared in Transportation Research Record N1019, Winter and Transit Bus Maintenance and Highway Maintenance Management.

Search Report from Ginger R. DeMille

PUBLICATION DATE: 19850000 PUBLICATION YEAR: 1985  
LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8601; H 8604)  
AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418  
FIGURES: 5 Fig. TABLES: 1 Tab.  
REFERENCES: 3 Ref.

DESCRIPTORS: MAINTENANCE MANAGEMENT ; DEVELOPING COUNTRIES; INVENTORIES ;  
INSPECTION; MAINTENANCE COSTS; PRIORITIES; SCHEDULING; MONITORING

17/3,K/31

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00392951 DA

TITLE: THE COSTS OF TRANSIT FARE PREPAYMENT PLANS AND THEIR DISTRIBUTION  
SYSTEMS

AUTHOR(S): Mayworm, PD; Lago, AM  
CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue,  
NW , Washington, DC, 20418,  
JOURNAL: Transportation Research Record Issue Number: 972 Pag: pp 9-17  
SUPPLEMENTAL NOTES: This paper appeared in Transportation Research Record  
N972, Trends in Transit Marketing and Fare Policy.  
PUBLICATION DATE: 19840000 PUBLICATION YEAR: 1984  
LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8501; H 8504)  
AVAILABILITY: Transportation Research Board Business Office; 2101  
Constitution Avenue, NW ; Washington; DC ; 20418  
FIGURES: 2 Fig. TABLES: 5 Tab.  
REFERENCES: 13 Ref.

...ABSTRACT: in 11 transit companies. Twelve cost categories are analyzed:  
order preparation, order delivery, direct sales, recording and  
accounting, design, printing, inventory , advertising, miscellaneous  
handling , administration, general overhead, and cost of funds. In  
addition, the costs of alternative methods of...

17/3,K/32

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00392879 DA

TITLE: TRANSPORTATION ENERGY CONTINGENCY PLANS FOR RURAL AREAS AND SMALL  
COMMUNITIES

AUTHOR(S): Dare, CE  
CORPORATE SOURCE: Missouri University, Rolla, Extension Division, Rolla, MO  
, 65401,  
REPORT NUMBER: DOT-I-82-24  
Pag: 146p  
PUBLICATION DATE: 19811200 PUBLICATION YEAR: 1981  
LANGUAGE: English SUBFILE: UMTRIS; HRIS (U 8501; H 8503)  
AVAILABILITY: National Technical Information Service; 5285 Port Royal Road  
; Springfield; VA ; 22161  
ORDER NUMBER: DE84901217

...ABSTRACT: city members. Furthermore, the existing statewide network of  
emergency preparedness officers should be utilized to inventory local

Search Report from Ginger R. DeMille

fuel distribution services, monitor local service station operating practices and to serve motorists who might be stranded without fuel...

17/3,K/33

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00386685 DA

**TITLE: MICROCOMPUTER APPLICATIONS IN TRAFFIC ENGINEERING**

AUTHOR(S): Courage, KG

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW, Washington, DC, 20418,

JOURNAL: Transportation Research Record Issue Number: 932 Pag: pp 13-16  
SUPPLEMENTAL NOTES: This paper was published in Transportation Research Record N932, Microcomputers in Transportation.

PUBLICATION DATE: 19830000 PUBLICATION YEAR: 1983

LANGUAGE: English SUBFILE: HRIS (H 8404)

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418

FIGURES: 2 Fig.

REFERENCES: 16 Ref.

DESCRIPTORS: MICROCOMPUTERS; TRAFFIC ENGINEERING; COMPUTER PROGRAMS; TRAFFIC SIGNAL NETWORKS; TRAFFIC ANALYSIS; ACCIDENT RECORDS ; DATA MANAGEMENT ; INVENTORIES ; GRAPHIC METHODS; DATA ACQUISITION; SIGNAL CONTROL; REAL-TIME SYSTEMS

17/3,K/34

DIALOG(R) File 63:Transport Res(TRIS)  
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00379324 DA

**TITLE: ENHANCE EQUIPMENT MANAGEMENT**

AUTHOR(S): Morris, AI

CORPORATE SOURCE: American Association of State Highway & Transp Off, 444 North Capitol Street, NW, Washington, DC, 20001,

REPORT NUMBER: 67th Annual Meeting

JOURNAL: American Assn. of State Hwy & Transp Officials Proc Pag: pp 72-79  
SUPPLEMENTAL NOTES: Committee Meeting Papers from the 67th Annual Meeting Proceedings, held Chicago, Illinois, October 5 to 7, 1981.

PUBLICATION DATE: 19810000 PUBLICATION YEAR: 1981

LANGUAGE: English SUBFILE: HRIS (H 8401)

AVAILABILITY: American Assn of State Hwy and Transp Officials; 444 North Capitol Street, NW ; Washington; DC ; 20001

FIGURES: 7 Fig.

...ABSTRACT: Among the system's more notable features: only four simple inputs are required; it eliminates stock record keeping in the field; it automates the resupply of parts from central to local stockrooms; it automatically determines goods lost in transit and inventory handling losses; it automates the preventive maintenance program and requires no manuals in the field; it...

17/3,K/35

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Search Report from Ginger R. DeMille

00346667 DA

**TITLE: DEVELOPMENT OF AN EQUIPMENT MANAGEMENT SYSTEM**

AUTHOR(S): Morris, AI

CORPORATE SOURCE: Tilford Nemour, Incorporated, Middleburg, VA, Federal Highway Administration, West Virginia Division, 500 Quarrier, Charleston, West VA, 25301, West Virginia Department of Highways, 1900 Washington Street East, Charleston, West VA, 25305,

REPORT NUMBER: FHWA/WV-81/001 Final Rpt.

Pag: 51p

SUPPLEMENTAL NOTES: Sponsored in part by West Virginia Dept. of Highways, Charleston.

PUBLICATION DATE: 19810900 PUBLICATION YEAR: 1981

LANGUAGE: English SUBFILE: NTIS; HRIS (N; H 8202)

SOURCE ACCESSION NUMBER: u8204

ISSN: WVDOHRP-54

AVAILABILITY: National Technical Information Service; 5285 Port Royal Road; Springfield; VA ; 22161

ORDER NUMBER: PB82-120288

DATA SOURCE: National Technical Information Service

DESCRIPTORS: HIGHWAYS; \*EQUIPMENT; \* MANAGEMENT ; MAINTENANCE; INVENTORY CONTROL; EQUIPMENT REPLACEMENT; ALLOCATIONS; RECORDS MANAGEMENT; WEST VIRGINIA; EQUIPMENT; MANAGEMENT SYSTEMS; STATE HIGHWAY ADMINISTRATION; PREVENTIVE MAINTENANCE; MAINTENANCE MANAGEMENT; REPLACEMENT; REHABILITATION; FLEETS; RECORDS MANAGEMENT ; INVENTORY CONTROL

17/3,K/36

DIALOG(R)File 63:Transport Res(TRIS)

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00342114 DA

**TITLE: MICROCOMPUTER APPLICATIONS IN TRAFFIC OPERATIONS**

AUTHOR(S): Tarnoff, PJ

CORPORATE SOURCE: Transportation Research Board, 2101 Constitution Avenue, NW , Washington, DC, 20418,

JOURNAL: Transportation Research News Issue Number: 94 Pag: pp 6-8

PUBLICATION DATE: 19810000 PUBLICATION YEAR: 1981

LANGUAGE: English SUBFILE: HRIS (H 8201)

AVAILABILITY: Transportation Research Board Business Office; 2101 Constitution Avenue, NW ; Washington; DC ; 20418

...ABSTRACT: and sorting of data files required for facilities and personnel management. A good example of management information applications are inventory files and monitoring of personnel activities. Many computer programs have been modified for microcomputer implementation such as those...

17/3,K/37

DIALOG(R)File 63:Transport Res(TRIS)

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00308622 DA

**TITLE: COMPUTER AIDS TO LARGE-SCALE TRAFFIC SIGNAL MAINTENANCE**

AUTHOR(S): Blase, JH

CORPORATE SOURCE: Printerhall Limited, 29 Newman Street, London W1P 3PE, England

Search Report from Ginger R. DeMille

JOURNAL: Traffic Engineering and Control Vol: 20 Issue Number: 7 Pag:  
pp 341-347  
PUBLICATION DATE: 19790700 PUBLICATION YEAR: 1979  
LANGUAGE: English SUBFILE: HRIS; IRRD (H 8002; I)  
SOURCE ACCESSION NUMBER: IRRD 243832  
IRRD DOCUMENT NUMBER: IRRD 243832  
ISSN: 00410683  
FIGURES: 6 Fig. TABLES: 4 Tab.  
REFERENCES: 8 Ref.  
DATA SOURCE: Transport and Road Research Laboratory

DESCRIPTORS: TRAFFIC SIGNAL; MAINTENANCE MANAGEMENT; COMPUTER APPLICATIONS;  
TRAFFIC SIGNAL CONTROLLERS ; MONITORING ; INVENTORIES ; MAINTENANCE  
COSTS; COST ACCOUNTING; UNITED KINGDOM; TRAFFIC SIGNAL; JUNCTION;  
TRAFFIC CONTROL; EQUIPMENT; URBAN AREA; MAINTENANCE...

17/3,K/38

DIALOG(R)File 63:Transport Res(TRIS)  
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00226637 DA

TITLE: A COMPUTERIZED SYSTEM OF TRAFFIC SIGN MAINTENANCE CONTROL AND  
INVENTORY

AUTHOR(S): Streib, RE; Dickins, JH  
JOURNAL: Traffic Engineering, Inst Traffic Engr Vol: 43 Issue Number: 4  
Pag: pp 38-43  
PUBLICATION DATE: 19730100 PUBLICATION YEAR: 1973  
LANGUAGE: English SUBFILE: HRIS (H)  
FIGURES: 3 Fig  
PHOTOS: 2 Phot

DESCRIPTORS: TRAFFIC SIGNS; RECORDS MANAGEMENT ; INVENTORIES ; COMPUTER  
APPLICATIONS; TRAFFIC SIGN MAINTENANCE

17/3,K/39

DIALOG(R)File 63:Transport Res(TRIS)  
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00141144 DA

TITLE: PROGRAM FOR TRAFFIC CONTROL DEVICES INVENTORY

AUTHOR(S): McMillen, RD; Fox, RE; Worley, MO; Culp, TB  
CORPORATE SOURCE: Ohio Department of Transportation, 25 South Front Street,  
Columbus , OH, 43216,  
Pag: 10 pp  
PUBLICATION DATE: 19760220 PUBLICATION YEAR: 1976  
LANGUAGE: English SUBFILE: HRIS (H 7701)

ABSTRACT: This project will inventory all existing traffic control  
devices, record condition and age of these devices, and perpetuate  
the inventory so that is accurately reflects...

...for traffic control device maintenance programs. The use of the  
inventory to provide a better management tool than prior inventories  
is cited.

17/3,K/40

Search Report from Ginger R. DeMille

DIALOG(R)File 63:Transport Res(TRIS)  
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00098770 DA

**TITLE: SLOW ORDER REPORT**

AUTHOR(S): Glickstein, DL

CORPORATE SOURCE: Penn Central Transportation Company, 6 Penn Central Plaza  
, Philadelphia, PA, 19104,

PUBLICATION DATE: 19700000 PUBLICATION YEAR: 1970

LANGUAGE: English SUBFILE: RRIS; RRIS (R 7502; R 76S1)

SOURCE ACCESSION NUMBER: AREA 10-05-002

AVAILABILITY: Penn Central Transportation Company; 6 Penn Central Plaza  
; Philadelphia; PA ; 19104

DATA SOURCE: American Railway Engineering Association

DESCRIPTORS: IBM 1130; FORTRAN; COMPUTER PROGRAMS; SPEED LIMIT;  
**INVENTORIES ; MAINTENANCE PLANNING; MANAGEMENT INFORMATION SYSTEMS;**  
**TRACK QUALITY**

17/3,K/41

DIALOG(R)File 63:Transport Res(TRIS)  
(c) fmt only 2004 Dialog Corp. All rts. reserv.

00098756 DA

**TITLE: CURVE BOOK REPORT**

AUTHOR(S): Jenkins, JW; Schwaner, WA

CORPORATE SOURCE: Union Pacific Railroad, 1416 Dodge Street, Omaha, NE,  
68102,

PUBLICATION DATE: 19730100 PUBLICATION YEAR: 1973

LANGUAGE: English SUBFILE: RRIS (R 7502)

SOURCE ACCESSION NUMBER: AREA 09-01-005

AVAILABILITY: Union Pacific Railroad; 1416 Dodge Street ; Omaha; NE  
; 68102

DATA SOURCE: American Railway Engineering Association

DESCRIPTORS: Z C K IA Z; IBM 360; IBM 370; COBOL; COMPUTER PROGRAMS; CURVED  
**TRACK ; TRACK ALIGNMENT; INVENTORIES ; MANAGEMENT INFORMATION**  
**SYSTEMS**

?

Search Report from Ginger R. DeMille

? show files;ds  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200449  
    (c) 2004 Thomson Derwent  
File 344:Chinese Patents Abs Aug 1985-2004/May  
    (c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2004/Apr(Updated 040802)  
    (c) 2004 JPO & JAPIO  
File 371:French Patents 1961-2002/BOPI 200209  
    (c) 2002 INPI. All rts. reserv.  
File 2:INSPEC 1969-2004/Jul W4  
    (c) 2004 Institution of Electrical Engineers  
File 35:Dissertation Abs Online 1861-2004/May  
    (c) 2004 ProQuest Info&Learning  
File 65:Inside Conferences 1993-2004/Aug W1  
    (c) 2004 BLDSC all rts. reserv.  
File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Jul  
    (c) 2004 The HW Wilson Co.  
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep  
    (c) 2003 EBSCO Pub.  
File 256:TecInfoSource 82-2004/Jul  
    (c) 2004 Info.Sources Inc  
File 474:New York Times Abs 1969-2004/Aug 04  
    (c) 2004 The New York Times  
File 475:Wall Street Journal Abs 1973-2004/Aug 04  
    (c) 2004 The New York Times  
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13  
    (c) 2002 The Gale Group

Set	Items	Description
S1	115748	(SUPPLY? OR SUPPLIES OR INVENTORY OR INVENTORIES OR STOCK - OR STOCKING) (3N) (CHAIN? ? OR FULFILLMENT OR LOGISTIC? OR DISTRIBUT? OR MANAG? OR CONTROLL? OR FACILITAT? OR HANDL? OR COORDINAT? OR SYNCHRONI? OR OPTIMI?) OR SCM OR SCRM
S2	16716	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (5N) (INVENTORY OR STOCK OR INVENTORIES)
S3	79876	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (3N) (DELIVERS OR DELIVERED OR RECEIVED OR RECEIVING)
S4	117	(REJECT? OR "NOT"() (ACCEPT? OR RECEIV?)) (2N) (EXCESS OR OVER() (SUPPLY? OR SUPPLIED))
S5	4	(DECISION() SUPPORT OR DSS OR DECIDE? OR DECIDING) (3N) (ACCEPT OR REJECT OR RECEIVE) (S) (VOLUME? OR TOTAL() (SHIPPED OR AMOUNT) OR (MEET? OR EXCEED? OR BELOW) () (REQUIREMENT? OR ORDER?))
S6	0	S1 AND (S2 OR S3) AND (S4 OR S5)
S7	0	S1 AND S4
S8	0	(S2 OR S3) AND S4
S9	3	S4 AND IC=G06F
S10	2514	S1 AND (S2 OR S3)
S11	31	(VOLUME? OR TOTAL() (RECEIVED OR ACCEPTED OR ORDERED OR AMOUNT)) (5W) (MEET? OR EXCEED? OR BELOW OR MET) () (REQUIREMENT? OR ORDER?)
S12	2	S1 AND S11
S13	1	S11 AND IC=G06F
S14	0	S13 NOT S12
	?	

Search Report from Ginger R. DeMille

? t5/4/all

5/4/1 (Item 1 from file: 2)  
FN- DIALOG(R)File 2:INSPEC|  
CZ- (c) 2004 Institution of Electrical Engineers. All rts. reserv.|  
AZ- 00018526|  
AZ- <INSPEC> C69002173|  
TI- The usefulness of sensitivity analysis in making large, long-term  
capital investment decisions|  
AU- House, W.C.|  
CS- Texas A&M Univ., College Station, TX, USA|  
SP- Operations Research Society of America The Institute of Management  
sciences|  
JN- Bulletin de la Societe Royale Belge des Electriciens|  
CP- Belgium|  
VL- vol.16, suppl.1|  
PG- 76|  
PY- 1968|  
CO- BSREAW|  
CT- Joint ORSA-TIMS meeting|  
CL- San Francisco, CA, USA|  
CY- 1-3 May 1968|  
DT- Conference Paper (PA); Journal Paper (JP)|  
LA- English|  
AB- Abstract only given substantially as follows. Investment decisions  
involving large, long-term capital commitments are frequently made on  
the basis of whether estimated rates of return are above a certain  
level. Errors in estimating such underlying elements as sales prices,  
sales volumes , product purchase or production prices, operating  
expenses, capital investment outlays, and project economic life may  
cause estimated rates of return to be understated or overstated. Such  
errors can probably not be eliminated entirely. Management can  
determine, however, whether investment decisions based on rates of  
return are sensitive or insensitive to errors in the underlying  
elements. Such information will aid management in deciding whether to  
accept , to reject, or to delay acceptance of an investment proposal,  
pending the collection of additional information. A large gas pipeline  
investment proposal is examined to illustrate the usefulness of  
sensitivity analysis. A decision based on the discounted cash-flow rate  
of return was found to be very sensitive to errors in estimates of  
sales prices and moderately sensitive to errors in estimates of sales  
volume , product purchase prices, and capital investment outlays.  
Errors in all four estimates became much more significant when the  
estimated economic life was reduced from 20 years to 15 years. Errors  
in the other estimates examined were found to be relatively  
insignificant.|  
DE- decision theory and analysis; economic cybernetics; management science;  
sensitivity analysis|  
SF- C|  
CC- C1140E (Game theory)||

5/4/2 (Item 1 from file: 99)  
DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs  
(c) 2004 The HW Wilson Co. All rts. reserv.

AN- 2721621|  
AA- BAST04114370|  
ST- New record|

Search Report from Ginger R. DeMille

TI- Novel Technique to Characterize the Hydrodynamics and Analyze the Performance of a Fluidized-Bed Photocatalytic Reactor for Wastewater Treatment |  
AU- Bhargava, Amit|  
AU- Kabir, Mohammad F Vaisman, Elena|  
JN- Industrial & Engineering Chemistry Research|  
SO- v. 43 no4 (Feb. 18 2004) p. 980-9|  
DT- Feature Article|  
SN- 0888-5885|  
LA- English|  
AB- Heterogeneous photocatalysis, as a technology for wastewater treatment, is a very attractive approach for treating low-concentration, high-volume fluids. The design and development of an appropriate photocatalytic reactor for conducting photocatalysis requires a study of the hydrodynamics of the reactor coupled with the intrinsic rate kinetics to achieve higher quantum yields and optimum photocatalyst requirements. An annular dual-function photocatalytic reactor operating in absorption (fixed-bed) and regeneration (fluid-bed) modes was constructed for the purpose of this study. A technique using radioactive particle and two c-ray cameras arranged perpendicularly to each other was used successfully to study the fluidized-bed behavior. This three-dimensional radioactive particle tracking (RPT) approach can enable the prediction of the amount of UV light a particle would receive during illumination, which decides the production rate of hydroxyl radicals and, in turn, the reaction rates. Also, CT scanning of the bed at various superficial velocities provides a tool for reliably and accurately predicting the bed voidage in a particular region of interest. Degradation experiments of model pollutant (phenol) were conducted with a pilot-scale reactor to evaluate its effectiveness. Adsorption of pollutant onto the catalyst and pollutant degradation with respect to various catalyst loadings were investigated. The economic viability of the reactor in comparison with other existing technologies is discussed in this paper. Reprinted by permission of the publisher.|  
DE- Isotope indicators Industrial waste disposal\_Ultraviolet radiation treatment|

5/4/3 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06116956  
Disposal firms crave Ontario toxic waste  
CANADA: NO GOVERNMENT WASTE TREATMENT PLANT  
Globe & Mail (CGM) 17 Feb 1995 p.A6A  
Language: ENGLISH

The Ontario government, in Canada, has decided to reject the project consisting of setting up a publicly funded hazardous waste treatment plant and incinerator in Niagara Peninsula. The main reason for the decision according to the government is that the industry generates most of this waste and therefore should be responsible for eliminating a part of it and treating the rest. The new government policy aims at reducing the volume of hazardous waste produced from 2mn tonnes a year through negotiation with industrial associations on reduction targets. Bovar, PCB solutions and ELI Eco should be the three players of the hazardous waste treatment market which will benefit from the government decision not to become a competitor.

Search Report from Ginger R. DeMille

5/4/4 (Item 2 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

02286291

OSAKA GAS REPORTS REDUCED PROFIT IN 1988  
JAPAN - OSAKA GAS REPORTS REDUCED PROFIT IN 1988  
Financieele Dagblad (HFD) 22 November 1988 p8  
ISSN: 0162-9158  
Language: Dutch

Osaka Gas, the second-largest urban gas distributor in Japan, reports six months ending 30 September 1988 unconsolidated pre-tax profit down 1.5% to Y11.27 bil from Y11.44 bil a year earlier on sales up 2.2% to Y247.65 bil from Y242.41 bil. Net income fell 21% to Y6.35 bil. Investment on new LNG storage tanks is reported to be the main reason for the income and profit fall.\* COMR;GA,GAS+,GALNGP+;GA,JAP;AWSJ 28/11/88 p5 NETHERLANDS - NATURAL GAS EXPORTS INCREASE IN OCTOBER 1988 -----  
----- Dutch natural gas exports increased 16% in October 1988, although first 10 months 1988 gas exports were low at 19 bil cu mt, compared with 23 bil cu mt in the corresponding year earlier period, according to figures published by Nederlandse Gasunie. Current gas export increases have been caused by Gasunie's foreign customers deciding to receive minimum gas volumes .

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Search Report from Ginger R. DeMille

? t9/ti/all

9/TI/1 (Item 1 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

De-convolution of Maximum Length Sequence response data e.g. Evoked OtoAcoustic emissions in hearing testing - re-convolutes samples of incoming data and stores in reconstruction buffer as they are received and rejects noise-contaminated reconstructed MLS

9/TI/2 (Item 2 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Securities brokerage-cash management system - allots short term investment proceeds among multiple accounts, and generates subscriber funds withdrawal transaction information

9/TI/3 (Item 3 from file: 350)  
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

General purpose bank transaction unit - has keyboard and entry point for documents, cheques and money

?

Search Report from Ginger R. DeMille

? t12/4/all

12/4/1 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

IM- \*Image available\*  
AA- 2004-018134/2004021  
XR- <XRPX> N04-0141291  
TI- Inventory control system for online goods ordering applications, transmits alternative goods information to customer terminal, when goods stock **volume** is **below ordered** goods volume!  
PA- HITACHI LTD (HITA )|  
NC- 001|  
NP- 001|  
PN- JP 2003346025 A 20031205 JP 2002149210 A 20020523 200402 B|  
AN- <LOCAL> JP 2002149210 A 20020523|  
AN- <PR> JP 2002149210 A 20020523|  
LA- JP 2003346025(8)|  
AB- <PN> JP 2003346025 A|  
AB- <NV> NOVELTY - The order-handling system (1) compares goods stock status information with goods order information received from the customer terminal (8) such as mobile telephone. The **inventory controller** (4) automatically transmits the information of alternative goods to the customer terminal, when **volume** of goods stock is **below ordered** goods volume.|  
AB- <BASIC> DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for inventory-control method.  
USE - For online ordering of goods.  
ADVANTAGE - The availability information of goods is automatically transmitted to customer terminal, thereby enabling the customer to order goods continuously.  
DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of inventory control system.  
order-handling system (1)  
merchandise information disclosure processing function (2)  
orders acceptance data administration facility (3)  
**inventory controller** (4)  
customer terminal (8)  
pp; 8 DwgNo 1/4|  
DE- <TITLE TERMS> INVENTORY; CONTROL; SYSTEM; GOODS; ORDER; APPLY; TRANSMIT ; ALTERNATIVE; GOODS; INFORMATION; CUSTOMER; TERMINAL; GOODS; STOCK; VOLUME; BELOW; ORDER; GOODS; VOLUME|  
DC- T01; T06|  
IC- <MAIN> G06F-017/60|  
IC- <ADDITIONAL> G05B-019/418|  
MC- <EPI> T01-N01A; T01-N01A2E; T06-A04A2A; T06-A04B7|  
FS- EPI||

12/4/2 (Item 1 from file: 583)  
DIALOG(R) File 583:Gale Group Globalbase(TM)  
(c) 2002 The Gale Group. All rts. reserv.

06452073  
Neue AuftrUge: BDAG  
ITALY: EUROFLAMM BUILDING NEW FACTORY  
Frankfurter Allgemeine Zeitung (FA) 03 Apr 1997 p.24  
Language: GERMAN

Search Report from Ginger R. DeMille

German Bremen-based Euroflamm GmbH, a subsidiary of BDAG Balcke-Durr, will establish a new factory in Italy. The company has been hired by an Italian sintered product manufacturer <name is not made public> to coat synchronising rings. The contract will become valid in 1998 and run for 15 years. The **volume** of the **order** **exceeds** DM 100mn. The new factory will double Euroflamm's capacity. The synchronising rings are intended for the gear systems of Opel Astra and Vectra cars.  
?

Search Report from Ginger R. DeMille

? show files;ds  
File 348:EUROPEAN PATENTS 1978-2004/Jul W04  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20040729,UT=20040722  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	40975	(SUPPLY? OR SUPPLIES OR INVENTORY OR INVENTORIES OR STOCK - OR STOCKING) (3N) (CHAIN? ? OR FULFILLMENT OR LOGISTIC? OR DISTRIBUT? OR MANAG? OR CONTROLL? OR FACILITAT? OR HANDL? OR COORDINAT? OR SYNCHRONI? OR OPTIMI?) OR SCM OR SCEM
S2	6651	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (5N) (INVENTORY OR STOCK OR INVENTORIES)
S3	71066	(TRACK? OR TRACE? OR TRACING OR MONITOR? OR WATCH? OR DETECT? OR RECORD? OR CALCULAT? OR CHECK? OR COMPUTE OR COMPUTING OR COMPUTES OR DETERMIN?) (3N) (DELIVERS OR DELIVERED OR RECEIVED OR RECEIVING)
S4	99	(REJECT? OR "NOT" () (ACCEPT? OR RECEIV?)) (2N) (EXCESS OR OVER() (SUPPLY? OR SUPPLIED))
S5	20	(DECISION() SUPPORT OR DSS OR DECIDE? OR DECIDING) (3N) (ACCEPT OR REJECT OR RECEIVE) (S) (VOLUME? OR TOTAL() (SHIPPED OR AMOUNT) OR (MEET? OR EXCEED? OR BELOW) () (REQUIREMENT? OR ORDER?))
S6	2	S1(3S) (S2 OR S3) (3S) (S4 OR S5)
S7	1	S1(2S) S4
S8	1	(S2 OR S3) (2S) S4
S9	1907	S1(2S) (S2 OR S3)
S10	35	(VOLUME? OR TOTAL() (RECEIVED OR ACCEPTED OR ORDERED OR AMOUNT)) (5W) (MEET? OR EXCEED? OR BELOW OR MET) () (REQUIREMENT? OR ORDER?)
S11	2	S7 OR S8
S12	1	S1(2S) S10
S13	1	S12 OR S13
S14	0	S16 NOT PY>2001
S15	39	S6:S8 OR S10:S13

? t15/3,k/all

15/3,K/1 (Item 1 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01430689  
Method for correcting gradients of irregularly spaced graphic data  
Gradientverbesserungsverfahren bei unregelmassig verteilten graphischen Daten  
Procede d'amelioration de gradients dans des donnees graphiques espacees irregulierement  
PATENT ASSIGNEE:  
TeraRecon, Inc., (3853800), 2955 Campus Drive, Suite 325, San Mateo, California 94403, (US), (Applicant designated States: all)  
INVENTOR:  
Seiler, Larry D., 198 Linden Street, Boylston, Massachusetts 01505, (US)  
Wu, Yin, 146 Oxford Street, Apt.11, Somerville, MA 02143, (US)  
Lauer, Hugh C., 69 Border Road, Concord, Massachusetts 01742, (US)  
Bhatia, Vishal C., 478 Summer Street, Arlington, MA 02474, (US)  
Lussier, Jeffrey, One Matthew Drive, Woburn, MA 01801, (US)  
LEGAL REPRESENTATIVE:  
Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen,

Search Report from Ginger R. DeMille

(DE)

PATENT (CC, No, Kind, Date): EP 1209620 A2 020529 (Basic)  
APPLICATION (CC, No, Date): EP 2001122081 010914;  
PRIORITY (CC, No, Date): US 678550 001004; US 715398 001117  
DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR  
EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI  
INTERNATIONAL PATENT CLASS: G06T-005/20  
ABSTRACT WORD COUNT: 66

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200222	362
SPEC A	(English)	200222	14572
Total word count - document A			14934
Total word count - document B			0
Total word count - documents A + B			14934

...SPECIFICATION of image space 213. The depthwarp transformation serves two purposes.

First, when we render a **volume** in xy-image **order**, see **below**, the depthwarp transformation converts zs))-coordinates of sample space 230 to depth values of image...

15/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01421123

**Dynamic demand management**

**Dynamisches Anfragesystem**

**Gestion dynamique de demandes**

PATENT ASSIGNEE:

Peapod, Inc., (3919480), 9933 Woods Drive, Skokie, Illinois 60077, (US),  
(Applicant designated States: all)

INVENTOR:

Parkinson, Thomas L., 1128 Cherry Street, Winnetka, IL 60093, (US)

LEGAL REPRESENTATIVE:

Gymer, Keith Francis et al (60223), Page Hargrave, Southgate, Whitefriars  
, Lewins Mead, Bristol BS1 2NT, (GB)

PATENT (CC, No, Kind, Date): EP 1199666 A1 020424 (Basic)

APPLICATION (CC, No, Date): EP 2001308849 011018;

PRIORITY (CC, No, Date): US 241626 P 001019; US 833123 010411

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

ABSTRACT WORD COUNT: 109

NOTE:

Figure number on first page: 1

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200217	357

Search Report from Ginger R. DeMille

SPEC A	(English)	200217	2049
Total word count - document A		2406	
Total word count - document B		0	
Total word count - documents A + B		2406	

...SPECIFICATION are not offered the incentive.

Wherein a deliver slot is found to have received a **volume** of **order** exceeding a predetermined threshold, a surcharge indicator 310 is associated with the delivery slot. Any customer...

**15/3,K/3 (Item 3 from file: 348)**

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01414533

**Method and apparatus for Volume rendering**  
**Verfahren und Vorrichtung zur Volumendarstellung**  
**Methode et appareil de rendu d'un volume**

PATENT ASSIGNEE:

TeraRecon, Inc., (3853800), 2955 Campus Drive, Suite 325, San Mateo, California 94403, (US), (Applicant designated States: all)

INVENTOR:

Seiler, Larry D., 198 Linden Street, Boylston, Massachusetts 01505, (US)  
Wu, Yin, 146 Oxford Street, Apt. 11, Somerville, MA 02143, (US)  
Lauer, Hugh C., 69 Border Road, Concord, Massachusetts 01742, (US)  
Bhatia, Vishal C., 478 Summer Street, Arlington, MA 02474, (US)  
Lussier, Jeffrey, One Matthew Place, Woburn, MA 01801, (US)

LEGAL REPRESENTATIVE:

Pfenning, Meinig & Partner (100961), Mozartstrasse 17, 80336 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 1195720 A2 020410 (Basic)

APPLICATION (CC, No, Date): EP 2001122082 010914;

PRIORITY (CC, No, Date): US 678550 001004

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE; TR

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06T-015/50

ABSTRACT WORD COUNT: 107

NOTE:

Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200215	564
SPEC A	(English)	200215	14582
Total word count - document A			15146
Total word count - document B			0
Total word count - documents A + B			15146

...SPECIFICATION of image space 213. The depthwarp transformation serves two purposes.

First, when we render a **volume** in **xy-image order**, see **below**, the depthwarp transformation converts **zs**)**-coordinates** of sample space 230 to depth values of image...

**15/3,K/4 (Item 4 from file: 348)**

Search Report from Ginger R. DeMille

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01307969

**A delivery vehicle**

**Lieferwagen**

**Vehicule de livraison**

**PATENT ASSIGNEE:**

Reynolds, Joseph, (3236130), Alexandra Road, Dublin 1, (IE), (Applicant  
designated States: all)

**INVENTOR:**

Reynolds, Joseph, Alexandra Road, Dublin 1, (IE)

**LEGAL REPRESENTATIVE:**

Moore, Barry (126141), Tomkins & Co 5 Dartmouth Road, Dublin 6, (IE)

**PATENT (CC, No, Kind, Date):** EP 1118499 A2 010725 (Basic)  
EP 1118499 A3 020410

**APPLICATION (CC, No, Date):** EP 2001650007 010117;

**PRIORITY (CC, No, Date):** IE 20000039 000118

**DESIGNATED STATES:** AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE; TR

**EXTENDED DESIGNATED STATES:** AL; LT; LV; MK; RO; SI

**INTERNATIONAL PATENT CLASS:** B60P-001/00; B60P-003/14; B60P-003/24

**ABSTRACT WORD COUNT:** 73

**NOTE:**

Figure number on first page: 1

**LANGUAGE (Publication,Procedural,Application):** English; English; English

**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200130	416
SPEC A	(English)	200130	2481
Total word count - document A			2897
Total word count - document B			0
Total word count - documents A + B			2897

...SPECIFICATION by intermediate bulk carriers (IBC's) 4. The IBC's 4 may  
be of uniform **volume** or be varied to **meet requirements**. An  
important feature of this invention is that the IBC's may be readily  
loaded...

**15/3,K/5 (Item 5 from file: 348)**

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

01284430

**BATTERY BOX**

**BATTERIEDOSE**

**BOITIER DE BATTERIE**

**PATENT ASSIGNEE:**

Electrovaya Inc., (4399700), 2645 Royal Windsor Drive, Mississauga  
Ontario L5J 1K9, (CA), (Proprietor designated states: all)

**INVENTOR:**

JACOBS, James, K., 69 Albany Avenue, Toronto, Ontario M5R 3C2, (CA)  
DASGUPTA, Sankar, 21 Hanna Avenue, Toronto, Ontario M6K 1W9, (CA)

**LEGAL REPRESENTATIVE:**

Roberts, Gwilym Vaughan et al (78342), KILBURN & STRODE, 20 Red Lion  
Street, London WC1R 4PJ, (GB)

**PATENT (CC, No, Kind, Date):** EP 1218956 A1 020703 (Basic)

Search Report from Ginger R. DeMille

EP 1218956 B1 040317  
WO 2001024302 010405

APPLICATION (CC, No, Date): EP 2000960262 000922; WO 2000CA1064 000922

PRIORITY (CC, No, Date): US 404602 990924

DESIGNATED STATES (Pub A): AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;  
IT; LU; MC; NL; PT; SE; (Pub B): DE; FR; GB; IE; IT

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: H01M-010/04; H01M-002/20; H01M-002/02;  
H01M-002/10

NOTE:

No A-document published by EPO  
LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200412	594
CLAIMS B	(German)	200412	592
CLAIMS B	(French)	200412	702
SPEC B	(English)	200412	1951
Total word count - document A			0
Total word count - document B			3839
Total word count - documents A + B			3839

...SPECIFICATION are typically bulky and heavy, often representing in excess of 10% of cell weight and **volume**.  
In **order** to meet various reserve capacity and voltage requirements, a plurality of lithium battery cells are typically enclosed...

15/3,K/6 (Item 6 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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01036190

ORDER PROCESSING APPARATUS AND METHOD

AUFTRAGSVERARBEITUNGSGERAT UND VERFAHREN

SYSTEME ET PROCEDE DE TRAITEMENT DE COMMANDES

PATENT ASSIGNEE:

Advanced Transaction Systems Limited, (2721050), 58 St. Aldate's, Oxford OX1 1ST, (GB), (Proprietor designated states: all)

INVENTOR:

SEIFERT, Benedict, Water's Edge, Marlow Bridge Lane, Marlow, Bucks SL7 1RJ, (GB)

HESSELBO, Robert, 11 Chadlington Road, Oxford OX2 6SY, (GB)

LEGAL REPRESENTATIVE:

Leeming, John Gerard et al (74731), J.A. Kemp & Co., 14 South Square, Gray's Inn, London WC1R 5JJ, (GB)

PATENT (CC, No, Kind, Date): EP 1016014 A1 000705 (Basic)  
EP 1016014 B1 021127

WO 99014695 990325

APPLICATION (CC, No, Date): EP 98942943 980917; WO 98GB2818 980917

PRIORITY (CC, No, Date): GB 9719829 970917

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

EXTENDED DESIGNATED STATES: AL; LT; LV; MK; RO; SI

INTERNATIONAL PATENT CLASS: G06F-017/60

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Search Report from Ginger R. DeMille

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200248	2208
CLAIMS B	(German)	200248	2350
CLAIMS B	(French)	200248	2329
SPEC B	(English)	200248	9931
Total word count - document A			0
Total word count - document B			16818
Total word count - documents A + B			16818

...SPECIFICATION the received orders into a batch. The end of a batch is determined either by the volume of orders exceeding a threshold or a fixed time having elapsed since the previous batch. In step S3...

15/3,K/7 (Item 7 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00989627

**Apparatus for automatically applying and preparing software**  
**Vorrichtung zur automatischen Verwendung und Erzeugung von Software**  
**Dispositif pour l'application et la preparation automatique de logiciel**  
PATENT ASSIGNEE:

Knowledge Modeling Institute Inc., (2559910), 3-30-4, Honcho, Nakano-ku,  
Tokyo, (JP), (applicant designated states:  
AT;BE;CH;CY;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:

Matsuzuki, Tadao, 302, Garden Haim Umeno, 5-12-14, Ogikubo, Suginami-ku,  
Tokyo, (JP)

LEGAL REPRESENTATIVE:

Reinhard - Skuhra - Weise & Partner (100731), Postfach 44 01 51, 80750  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 895156 A1 990203 (Basic)

APPLICATION (CC, No, Date): EP 98113999 980727;

PRIORITY (CC, No, Date): JP 97204747 970730; JP 97204748 970730

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G06F-009/44;

ABSTRACT WORD COUNT: 116

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	9905	1653
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SPEC A	(English)	9905	6332
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Total word count - document A			7985
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Total word count - document B			0
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Total word count - documents A + B			7985
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...SPECIFICATION in charge is registered.

(b) Actual Order Reception Operation Time...it is checked if the total amount of order received exceeds the upper limit amount of the sales authority of

15/3,K/8 (Item 8 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00869657

**System and method for mixing bone cement**

Search Report from Ginger R. DeMille

**System und Verfahren zum Mischen von Knochenzement  
Dispositif et procede pour le malaxage d'un ciment pour os**

PATENT ASSIGNEE:

Chan, Kwan-Ho, (2125540), 4803 First Place, Lubbock, TX 79416, (US),  
(Proprietor designated states: all)

INVENTOR:

Chan, Kwan-Ho, 4803 First Place, Lubbock, TX 79416, (US)

LEGAL REPRESENTATIVE:

Thomson, Paul Anthony et al (36701), Potts, Kerr & Co. 15, Hamilton Square, Birkenhead Merseyside CH41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 796653 A2 970924 (Basic)  
EP 796653 A3 980325  
EP 796653 B1 040526

APPLICATION (CC, No, Date): EP 97301103 970220,

PRIORITY (CC, No, Date): US 604194 960221

DESIGNATED STATES: CH; DE; FR; GB; IT; LI; SE

INTERNATIONAL PATENT CLASS: B01F-013/00

ABSTRACT WORD COUNT: 139

NOTE:

Figure number on first page: 1

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199709W3	2198
CLAIMS B	(English)	200422	881
CLAIMS B	(German)	200422	904
CLAIMS B	(French)	200422	1000
SPEC A	(English)	199709W3	7469
SPEC B	(English)	200422	7525
Total word count - document A			9669
Total word count - document B			10310
Total word count - documents A + B			19979

...SPECIFICATION met. Monomer 40 will, of course, flow out of ampoule 195 much better when the **volume** and pressure **requirement** are **met**. And, as might be expected, the system will work best if gas column 210 is...

...SPECIFICATION met. Monomer 40 will, of course, flow out of ampoule 195 much better when the **volume** and pressure **requirement** are **met**. And, as might be expected, the system will work best if gas column 210 is...

15/3,K/9 (Item 9 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00810991

Machining method using numerical control apparatus

Bearbeitungsverfahren mit Verwendung von einem numerischen Steuerungsgerat

Methode d'usinage utilisant un appareil a commande numerique

PATENT ASSIGNEE:

MITSUBISHI DENKI KABUSHIKI KAISHA, (208580), 2-3, Marunouchi 2-chome Chiyoda-ku, Tokyo 100, (JP), (applicant designated states: CH;DE;FR;GB;LI)

INVENTOR:

Hirai, Hayao, c/o Mitsubishi Denki K.K., Nagoya Seisakusho, 1-14, Yadaminami 5-chome, Higashi-ku, Nagoya-shi, Aichi 461, (JP)  
Fujimoto, Akihiko, Mitsubishi E.M.S. Co., Ltd., 1071,

Search Report from Ginger R. DeMille

Higashi-Ozone-cho-Kami 5-chome, Kita-ku, Nagoya-shi, Aichi 462-91, (JP)  
LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672),  
Hoffmann Eitle, Patent- und Rechtsanwalte, Arabellastrasse 4, 81925  
Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 753805 A1 970115 (Basic)  
EP 753805 B1 990506

APPLICATION (CC, No, Date): EP 96111105 960710;

PRIORITY (CC, No, Date): JP 95197308 950710

DESIGNATED STATES: CH; DE; FR; GB; LI

INTERNATIONAL PATENT CLASS: G05B-019/418;

ABSTRACT WORD COUNT: 173

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9918	2061
CLAIMS B	(German)	9918	1991
CLAIMS B	(French)	9918	2306
SPEC B	(English)	9918	189869
Total word count - document A			0
Total word count - document B			196227
Total word count - documents A + B			196227

15/3, K/10 (Item 10 from file: 348)

DIALOG(R) File 348: EUROPEAN PATENTS

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00752701

PERISTALTIC PULSE PUMPING SYSTEMS

PUMPSYSTEME MIT PERISTALTISCHEN PUMPEN

SYSTEME DE POMPAGE PERISTALTIQUE PAR IMPULSIONS

PATENT ASSIGNEE:

BAXTER INTERNATIONAL INC., (318505), One Baxter Parkway, Deerfield,  
Illinois 60015, (US), (Proprietor designated states: all)

INVENTOR:

PATNO, Timothy, J., 220 W. Hawthorne Boulevard, Mundelein, IL 60060, (US)

BROWN, Richard, I., 2335 Peachtree Lane, Northbrook, IL 60062, (US)

CORK, William, H., 439 West Sheridan Place, Lake Bluff, IL 60044, (US)

LEGAL REPRESENTATIVE:

MacGregor, Gordon et al (33391), Eric Potter Clarkson, Park View House,  
58 The Ropewalk, Nottingham NG1 5DD, (GB)

PATENT (CC, No, Kind, Date): EP 719386 A1 960703 (Basic)

EP 719386 A1 961204

EP 719386 B1 990929

WO 9601371 960118

APPLICATION (CC, No, Date): EP 95906180 950109; WO 95US273 950109

PRIORITY (CC, No, Date): US 269933 940701

DESIGNATED STATES: BE; CH; DE; FR; GB; IT; LI

INTERNATIONAL PATENT CLASS: F04B-043/09; A61M-001/36; F04B-043/00;

F04B-043/12

NOTE:

No A-document published by EPO

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9939	238
CLAIMS B	(German)	9939	255

Search Report from Ginger R. DeMille

CLAIMS B	(French)	9939	298
SPEC B	(English)	9939	6649
Total word count - document A			0
Total word count - document B			7440
Total word count - documents A + B			7440

...SPECIFICATION to supply anticoagulant.

One approach is to provide dedicated pumps, some to meet high flow volume requirements, and others to meet low flow volume requirements.

The approach that the invention takes is different. A principal objective...

15/3,K/11 (Item 11 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS  
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00714803

HAIR COSMETIC COMPOSITION

HAARKOSMETISCHE ZUSAMMENSETZUNG

COMPOSITION COSMETIQUE CAPILLAIRE

PATENT ASSIGNEE:

Kao Corporation, (506780), 14-10, Nihonbashi Kayabacho 1-chome , Chuo-Ku Tokyo 103, (JP), (Proprietor designated states: all)

INVENTOR:

HIRANO, Yuji, 2-9-2-102, Yamate Funabashi-shi, Chiba 273, (JP)

HIRANO, Aya, 2-9-2-102, Yamate Funabashi-shi, Chiba 273, (JP)

KURE, Naohisa, 3-16-1-307, Higashisuna Koto-ku, Tokyo 136, (JP)

LEGAL REPRESENTATIVE:

Hansen, Bernd, Dr. Dipl.-Chem. et al (4921), Hoffmann Eitle, Patent- und Rechtsanwalte, Postfach 81 04 20, 81904 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 743847 A1 961127 (Basic)

EP 743847 B1 010530

WO 9520375 950803

APPLICATION (CC, No, Date): EP 95906518 950125; WO 95JP84 950125

PRIORITY (CC, No, Date): JP 947459 940127

DESIGNATED STATES: DE; GB

INTERNATIONAL PATENT CLASS: A61K-007/08

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS B	(English)	200122	504
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CLAIMS B	(German)	200122	423
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CLAIMS B	(French)	200122	588
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SPEC B	(English)	200122	4528
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Total word count - document A			0
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Total word count - document B			6043
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Total word count - documents A + B			6043
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...SPECIFICATION from the low elasticity of hair fibers such as lack of firmness/ elasticity and less volume . In order to meet the needs of people having such complaints, a variety of hair treatment compositions have heretofore...

15/3,K/12 (Item 12 from file: 348)

Search Report from Ginger R. DeMille

DIALOG(R)File 348:EUROPEAN PATENTS  
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00642483

POWER MANAGEMENT SYSTEM FOR COMPUTER DEVICE INTERCONNECTION BUS AND METHOD  
THEREFOR

LEISTUNGSVERWALTUNGSSYSTEM FUER RECHNERVORRICHTUNGSZWISCHENVERBINDUNGSBUS  
UND VERFAHREN HIERFUR

SYSTEME ET METHODE DE GESTION DE LA PUISSANCE POUR BUS D'INTERCONNEXION DE  
DISPOSITIF INFORMATIQUE

PATENT ASSIGNEE:

APPLE COMPUTER, INC., (1211950), 20525 Mariani Avenue, Cupertino,  
California 95014, (US), (Proprietor designated states: all)

INVENTOR:

OPRESCU, Florin, 1833 Fife Way, Sunnyvale, CA 94086, (US)  
TEENER, Michael, D., 200 West Cliff Drive, 13, Santa Cruz, CA 95060,  
(US)

LEGAL REPRESENTATIVE:

Wombwell, Francis et al (46021), Potts, Kerr & Co. 15, Hamilton Square,  
Birkenhead Merseyside CH41 6BR, (GB)

PATENT (CC, No, Kind, Date): EP 680632 A1 951108 (Basic)

EP 680632 B1 031203

WO 94016378 940721

APPLICATION (CC, No, Date): EP 94909469 940112; WO 94US684 940112

PRIORITY (CC, No, Date): US 4431 930114

DESIGNATED STATES: DE; FR; GB

RELATED DIVISIONAL NUMBER(S) - PN (AN):

(EP 2003019146)

INTERNATIONAL PATENT CLASS: G06F-001/26

ABSTRACT WORD COUNT: 8254

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200349	1360
CLAIMS B	(German)	200349	1373
CLAIMS B	(French)	200349	1619
SPEC B	(English)	200349	6256
Total word count - document A			0
Total word count - document B			10608
Total word count - documents A + B			10608

... CLAIMS operational states of each of the plurality of said devices,  
wherein a means for maintaining information regarding the power  
currently drawn includes means for periodically determining a  
current operational state of each device.

3. The system of claim 1, wherein said control means comprises:  
means for periodically determining a new total power requirement based  
on the grant of the power usage request;  
means for determining whether the new total amount of power  
requirement exceeds a maximum amount of power available, and  
power negotiation means, responsive to a determination that the new  
total amount of power requirement exceeds the maximum  
amount of power available, for granting or denying said power usage  
request.

4. The...

Search Report from Ginger R. DeMille

- ...said device for which a power usage request was received.
15. The system of claim 14, wherein said control means comprises means for deactivating an active device to provide an increased power surplus.
16. The system of claim 14, wherein said control means includes: means for periodically determining a new total power requirement based on the grant of the power usage request; means for determining whether the new total amount of power requirement exceeds said maximum amount of power available; and power negotiation means, responsive to a determination that the new total amount of power requirement exceeds the maximum amount of power available, for granting or denying said power usage request.
17. The...

15/3,K/13 (Item 13) from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00573233

Spiral wrapped gas generator filter and method of production  
Spiralformig gewickelter Gasgeneratorfilter und Verfahren zur dessen Herstellung  
Filtre pour generateur de gaz enroule en spirale et sa methode de production

PATENT ASSIGNEE:

MORTON INTERNATIONAL, INC., (1152272), 100 North Riverside Plaza, Randolph Street at the River, Chicago, Illinois 60606, (US), (applicant designated states: BE;DE;ES;FR;GB;IT;NL;SE)

INVENTOR:

Smith, Bradley W., 3740 West 2550 South, Ogden, Utah 84401, (US)  
Rink, Linda M., 3711 E. 4350 N., Liberty, Utah 84310, (US)

LEGAL REPRESENTATIVE:

Bankes, Stephen Charles Digby et al (47701), BARON & WARREN 18 South End Kensington, London W8 5BU, (GB)

PATENT (CC, No, Kind, Date): EP 568381 A1 931103 (Basic)  
EP 568381 B1 970212

APPLICATION (CC, No, Date): EP 93303390 930429;

PRIORITY (CC, No, Date): US 876270 920430

DESIGNATED STATES: BE; DE; ES; FR; GB; IT; NL; SE

INTERNATIONAL PATENT CLASS: B60R-021/26; B01D-039/20;

ABSTRACT WORD COUNT: 150

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	1318
CLAIMS B	(English)	EPAB97	1362
CLAIMS B	(German)	EPAB97	1205
CLAIMS B	(French)	EPAB97	1647
SPEC A	(English)	EPABF1	3392
SPEC B	(English)	EPAB97	3390
Total word count - document A			4710
Total word count - document B			7604
Total word count - documents A + B			12314

...SPECIFICATION manufacture, cycle time, for each filter unit. This

Search Report from Ginger R. DeMille.

manufacturing system is incompatible with the high **volume** production requirements necessary to **meet** the demands of the automotive industry.

The consistent and economical manufacture of filter elements for...

...SPECIFICATION manufacture, cycle time, for each filter unit. This manufacturing system is incompatible with the high **volume** production requirements necessary to **meet** the demands of the automotive industry.

The consistent and economical manufacture of filter elements for...

15/3,K/14 (Item 14 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00566258

Mill parts

Zerkleinerungselemente

Elements pour broyeur

PATENT ASSIGNEE:

NIKKATO CORP., (1636530), 2-24, Orionocho 3-cho, Sakai-shi, Osaka-fu 590,  
(JP), (applicant designated states: DE;FR;GB)

INVENTOR:

Ohnishi, Hiroshi, 445-20, Kena-cho, Sakai-shi, Osaka-fu, (JP)

Inui, Kazuyo, 8-27, Kohryohigashimachi 2-cho, Sakai-shi, Osaka-fu, (JP)

Kawanami, Toshio, 153-1, Kitanoda, Sakai-shi, Osaka-fu, (JP)

LEGAL REPRESENTATIVE:

VOSSIUS & PARTNER (100311), Postfach 86 07 67, 81634 Munchen, (DE)

PATENT (CC, No, Kind, Date): EP 567136 A1 931027 (Basic)

EP 567136 B1 980401

APPLICATION (CC, No, Date): EP 93106582 930422;

PRIORITY (CC, No, Date): JP 92104727 920423

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: C04B-035/48; C09K-003/14;

ABSTRACT WORD COUNT: 119

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9814	202
CLAIMS B	(German)	9814	216
CLAIMS B	(French)	9814	256
SPEC B	(English)	9814	2707
Total word count - document A			0
Total word count - document B			3381
Total word count - documents A + B			3381

15/3,K/15 (Item 15 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00436465

Measuring energy in fuel gases

Energiemessung von Heizgasen

Mesure d'energie dans les carburants

PATENT ASSIGNEE:

INTERNATIONAL CONTROL AUTOMATION FINANCE S.A., (1245190), 16 Rue des

Search Report from Ginger R. DeMille

Bains, Ville de Luxembourg, (LU), (applicant designated states:  
DE;FR;GB;IT;NL)

INVENTOR:

Thompson, William Lee, 15364 Gar Highway, Montville, Ohio 44064, (US)  
LEGAL REPRESENTATIVE:

Pilch, Adam John Michael et al (50481), D. YOUNG & CO., 21 New Fetter  
Lane, London EC4A 1DA, (GB)

PATENT (CC, No, Kind, Date): EP 438859 A2 910731 (Basic)  
EP 438859 A3 931110  
EP 438859 B1 960228

APPLICATION (CC, No, Date): EP 90312486 901116;

PRIORITY (CC, No, Date): US 469869 900124

DESIGNATED STATES: DE; FR; GB; IT; NL

INTERNATIONAL PATENT CLASS: G01N-027/406; G01N-033/22; G01N-033/00;  
G01N-031/12;

ABSTRACT WORD COUNT: 212

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPAB96	763
CLAIMS B	(German)	EPAB96	639
CLAIMS B	(French)	EPAB96	762
SPEC B	(English)	EPAB96	3562
Total word count - document A			0
Total word count - document B			5726
Total word count - documents A + B			5726

...SPECIFICATION typically has a contractual agreement to supply a known minimum energy content with each unit **volume** of gas. In **order** to meet this content the producer typically provides a higher value to compensate for errors in the...

15/3,K/16 (Item 16 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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00407647

A method for processing manure and a substance used therewith.

Verfahren zur Behandlung von Flüssigdunger und Substanz zur Verwendung in diesem Verfahren.

Procede de traitement de lisier et substance utilisee.

PATENT ASSIGNEE:

AEGTEN, (1162370), Peerderbaan 70, B-3578 Meeuwen, (BE), (applicant  
designated states: AT;BE;CH;DE;ES;FR;GB;IT;LI;LU;NL)

INVENTOR:

Aegten, Jaak, Peerderbaan 60, B-3578 Meeuwen, (BE)  
Martens, Jos, Achterstraat 41, B-3573 Wijchmaal, (BE)  
Bomans, Hilde, Middenweg 10, B-3538 Houthalen-Helchteren, (BE)

LEGAL REPRESENTATIVE:

Callewaert, Jean et al (151), Bureau Gevers S.A. rue de Livourne 7 bte 1,  
B-1050 Bruxelles, (BE)

PATENT (CC, No, Kind, Date): EP 424596 A1 910502 (Basic)  
EP 424596 B1 930818

APPLICATION (CC, No, Date): EP 89870163 891025;

PRIORITY (CC, No, Date): EP 89870163 891025

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; LU; NL

INTERNATIONAL PATENT CLASS: C05F-003/00;

Search Report from Ginger R. DeMille

ABSTRACT WORD COUNT: 64

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	932
CLAIMS B	(German)	EPBBF1	783
CLAIMS B	(French)	EPBBF1	1028
SPEC B	(English)	EPBBF1	6386
Total word count - document A			0
Total word count - document B			9129
Total word count - documents A + B			9129

...SPECIFICATION reduction in terms of percentage, it is generally required to add more substance to the **manure** as the **latter** contains **more** nitrogen.

In a further preferred embodiment of a method according to the invention, said method...

...parameter indicating an amount of calcium, respectively magnesium, which has to be added per manure **volume** unit in **order** to **meet** said fertilizer criterion ;

- determining a third calcium, respectively magnesium, parameter which indicates the amount of...expressed in kg CaO and kg MgO per hectare, which has to be spreaded over the field in **order** to **meet** the fertilizer criterion.

Starting from said first calcium and magnesium parameter, there is then calculated...

...CLAIMS parameter indicating an amount of calcium, respectively magnesium, which has to be added per manure **volume** unit in **order** to **meet** said fertilizer criterion ;  
- determining a third calcium, respectively magnesium, parameter which indicates the amount of...

...of substance to be added per manure volume unit ;

- selecting the smallest quantity between said third and fourth amount ; and  
- determining said first amount of substance on the basis of at least said smallest quantity.

6...

...parameter indicating an amount of calcium, respectively magnesium, which has to be added per manure **volume** unit in **order** to **meet** said fertilizer criterion ;  
- determining a first ratio between said second calcium and said second magnesium...

...calcium and said second magnesium parameter reaches substantially said first ratio.

9. A method according to claim 8, characterized in that it comprises the following further steps :  
- determining, on the basis of said second and said

Search Report from Ginger R. DeMille

00396142

Programmable pressure reducing apparatus for throttling fluids under high pressure.

Programmierbare Druckreduziervorrichtung zum Drosseln von Fluiden, die unter Druck stehen.

Dispositif programmable de reduction pour l'etanglement de fluide sous pression.

PATENT ASSIGNEE:

TARGET ROCK CORPORATION, (1239700), 1966 East Broadhollow Rock, East Farmingdale, New York 11735, (US), (applicant designated states: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE)

INVENTOR:

Tripp, Dale S., 1 Mt. Snow Lane, Coram, New York 11727, (US)

Beaman, Ronald, 45 Cornell Lane, Hicksville, New York 11801, (US)

LEGAL REPRESENTATIVE:

Smulders, Theodorus A.H.J., Ir. et al (21191), Vereenigde Oktrooibureaux Nieuwe Parklaan 97, NL-2587 BN 's-Gravenhage, (NL)

PATENT (CC, No, Kind, Date): EP 401904 A1 901212 (Basic)  
EP 401904 B1 940202

APPLICATION (CC, No, Date): EP 90201381 900530;

PRIORITY (CC, No, Date): US 359114 890531

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: F16K-047/04; F15D-001/02;

ABSTRACT WORD COUNT: 56

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	825
CLAIMS B	(German)	EPBBF1	751
CLAIMS B	(French)	EPBBF1	873
SPEC B	(English)	EPBBF1	2976
Total word count - document A			0
Total word count - document B			5425
Total word count - documents A + B			5425

...SPECIFICATION and  
programming spacer means, comprising a programming disc arranged above the first tier of staging rings and /or between tiers of below the first tier, said programming disc adjusting the degree of axial registration of the respective...

15/3,K/18 (Item 18 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

(c) 2004 European Patent Office. All rts. reserv.

00315298

Production of synthesis gas from hydrocarbonaceous feedstock.

Herstellung von Synthesegas aus kohlenwasserstoffhaltigem Rohrstoff.

Production de gaz de synthese a partir d'hydrocarbures.

PATENT ASSIGNEE:

DAVY MCKEE CORPORATION, (1005301), 2925 Briarpark Suite 700, Houston Texas 77042, (US), (applicant designated states: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE)

INVENTOR:

Dunster, Michael, Fully Hill, 15 Moreland Drive, Gerrards Cross, (GB)  
Korchnak, Joseph D, 227 Birch Lane, Lakeland, Florida 33803, (GB)

LEGAL REPRESENTATIVE:

Search Report from Ginger R. DeMille

Eyles, Christopher Thomas (30482), W.P. THOMPSON & CO. High Holborn House  
52-54 High Holborn, London WC1V 6RY, (GB)  
PATENT (CC, No, Kind, Date): EP 303438 A2 890215 (Basic)  
EP 303438 A3 891227  
APPLICATION (CC, No, Date): EP 88307342 880809;  
PRIORITY (CC, No, Date): US 85160 870814  
DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE  
INTERNATIONAL PATENT CLASS: C01B-003/38;  
ABSTRACT WORD COUNT: 112

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	876
SPEC A	(English)	EPABF1	4809
Total word count - document A			5685
Total word count - document B			0
Total word count - documents A + B			5685

...SPECIFICATION be carried out efficiently using relatively inexpensive catalyst materials, provided that the surface area-to **volume requirements** of the invention are **met**.

In accordance with the process of the invention the reactant gases are introduced to the...

15/3,K/19 (Item 19 from file: 348)  
DIALOG(R)File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00260734

Multidirectional scan and print capability.  
Mehrrichtungs-Abtast- und -Druckfahigkeit.  
Capacite de balayage en sens multiples et d'impression.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Finlay, David Ernest, 3482 16th Circle, Boulder Colorado 80302, (US)  
Hanna, Stephen Dale, 1550 Ithaca Drive, Boulder Colorado 80303, (US)  
Stevenson, David Craig, 3015 McIntosh Drive, Longmont Colorado 80501,  
(US)

Varga, John Thomas, 500 Hartford Drive, Boulder Colorado 80303, (US)

LEGAL REPRESENTATIVE:

Bonin, Jean-Jacques (14141), Compagnie IBM France Departement de  
Propriete Intellectuelle, F-06610 La Gaudie, (FR)

PATENT (CC, No, Kind, Date): EP 267418 A2 880518 (Basic)  
EP 267418 A3 891129  
EP 267418 B1 930818

APPLICATION (CC, No, Date): EP 87114432 871002;

PRIORITY (CC, No, Date): US 929036 861110

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-015/02; G06K-015/12;

ABSTRACT WORD COUNT: 266

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	2131

Search Report from Ginger R. DeMille

CLAIMS B	(German)	EPBBF1	1479
CLAIMS B	(French)	EPBBF1	1791
SPEC B	(English)	EPBBF1	17428
Total word count - document A			0
Total word count - document B			22829
Total word count - documents A + B			22829

...SPECIFICATION memory is constrained to read out 32 bits at a time, the aligner, however, need not accept or pass on to the scan buffer all 32 bits received from the font memory. For...

...to black, the number of bits actually controlled and the location of those bits is determined by the type of underscore selected. For rotated print cases, the scan assembly logic provides a control...

15/3, K/20 (Item 20) from file: 348)  
DIALOG(R) File 348: EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00243783

Biological diagnostic device.

Vorrichtung zur biologischen Diagnose.

Dispositif pour le diagnostic biologique.

PATENT ASSIGNEE:

PB Diagnostic Systems, Inc., (847960), 750 Main Street, Cambridge, MA 02139, (US), (applicant designated states:  
AT;BE;CH;DE;ES;FR;GB;IT;LI;LU;NL;SE)

INVENTOR:

Grenner, Gerd, 326 Hemlock Circle, Lincoln, MA 01773, (US)  
Hachmann, Jurgen H., 1 Village Circle, Lexington, MA 02173, (US)  
Manning, James J., 19 Holmes Street, Braintree, MA 02184, (US)  
Pauly, Hans Erwin, Finkenstr. 1, W-3563 Buchenau, (DE)  
Neely, George O., 414 Sudbury Street, Marlboro, MA 01752, (US)  
Staedter, Melitta, 244 Kennedy Drive, Apt. 610, Malden, MA 02148, (US)

LEGAL REPRESENTATIVE:

Smulders, Theodorus A.H.J., Ir. et al (21191), Vereenigde Ochtrooibureaux Nieuwe Parklaan 97, NL-2587 BN 's-Gravenhage, (NL)

PATENT (CC, No, Kind, Date): EP 239174 A1 870930 (Basic)  
EP 239174 B1 920527

APPLICATION (CC, No, Date): EP 87200535 870324;

PRIORITY (CC, No, Date): US 843766 860325

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G01N-033/52; G01N-033/53;

ABSTRACT WORD COUNT: 117

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	253
CLAIMS B	(German)	EPBBF1	247
CLAIMS B	(French)	EPBBF1	354
SPEC B	(English)	EPBBF1	4098
Total word count - document A			0
Total word count - document B			4952
Total word count - documents A + B			4952

...SPECIFICATION delivering from about 110% to about 200% of the wet uptake volume of the test element. This requirement can be met by the

Search Report from Ginger R. DeMille

groove delivery element because as noted above, the volume of the grooves can be...

15/3,K/21 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

01120472 \*\*Image available\*\*

**PRICE IMPROVEMENT PROCESSOR FOR ELECTRONIC TRADING OF FINANCIAL INSTRUMENTS  
PROCESSEUR D'AMELIORATION DE PRIX POUR LE COMMERCE ELECTRONIQUE  
D'INSTRUMENTS FINANCIERS**

Patent Applicant/Assignee:

BOSTON OPTIONS EXCHANGE GROUP LLC, 100 Franklin Street, Boston, MA 02110,  
US, US (Residence), US (Nationality)

Inventor(s):

PETERFFY Thomas, Boston Option Exchange Group, LLC, 100 Franklin Street,  
Boston, MA 02110, US,

LEIBLER Ken, Boston Options Exchange Group, LLC, 100 Franklin Street,  
Boston, MA 02110, US,

BERTRAND Luc, Boston Options Exchange Group, LLC, 100 Franklin Street,  
Boston, MA 02110, US,

Legal Representative:

CHOW Stephen Y (et al) (agent), Perkins, Smith & Cohen, LLP, One Beacon  
Street, Boston, MA 02108, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200442514 A2 20040521 (WO 0442514)

Application: WO 2003US34475 20031030 (PCT/WO US03034475)

Priority Application: US 2002422408 20021030

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD  
SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 8754

Fulltext Availability:

Detailed Description

Detailed Description

... Orders, Fill-or-Kill Orders, Fill-and-Kill Orders, Market-on-Open  
Orders, and Minimum Volume Orders as defined below. Market makers  
and OFPs would receive through front-end interface or transmitter 22 from  
the...

15/3,K/22 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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Search Report from Ginger R. DeMille

01006987

A NOVEL PHARMACEUTICAL COMPOUND CONTAINING ABACAVIR SULFATE AND METHODS OF  
MAKING AND USING SAME  
NOUVEAU COMPOSE PHARMACEUTIQUE CONTENANT DU SULFATE D'ABACAVIR ET PROCEDES  
DE FABRICATION ET D'UTILISATION ASSOCIES

Patent Applicant/Assignee:

NEW RIVER PHARMACEUTICALS INC, The Governor Tyler, 1902 Downey Street,  
Radford, VA 24060, US, US (Residence), US (Nationality), (For all  
designated states except: US)

Patent Applicant/Inventor:

PICARIELLO Thomas, 203 Murphy Street, N.E., Blacksburg, VA 24060, US, US  
(Residence), US (Nationality)

Legal Representative:

SCHULMAN Robert M (et al) (agent), Intellectual Property Department,  
Hunton & Williams, 1900 K Street, N.W., Suite 1200, Washington, DC  
20006-1109, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200334980 A2 20030501 (WO 0334980)

Application: WO 2001US43089 20011114 (PCT/WO US0143089)

Priority Application: US 2000274622 20001114; US 2000247621 20001114; US  
2000247620 20001114; US 2000247595 20001114; US 2000247594 20001114; US  
2000247635 20001114; US 2000247634 20001114; US 2000247606 20001114; US  
2000247607 20001114; US 2000247608 20001114; US 2000247609 20001114; US  
2000247610 20001114; US 2000247611 20001114; US 2000247702 20001114; US  
2000247701 20001114; US 2000247700 20001114; US 2000247699 20001114; US  
2000247698 20001114; US 2000247807 20001114; US 2000247833 20001114; US  
2000247832 20001114; US 2000247927 20001114; US 2000247926 20001114; US  
2000247930 20001114; US 2000247929 20001114; US 2000247928 20001114; US  
2000247797 20001114; US 2000247805 20001114; US 2000247804 20001114; US  
2000247803 20001114; US 2000247802 20001114; US 2000247801 20001114; US  
2000247800 20001114; US 2000247799 20001114; US 2000247798 20001114; US  
2000247561 20001114; US 2000247560 20001114; US 2000247559 20001114; US  
2000247558 20001114; US 2000247556 20001114; US 2000247612 20001114; US  
2000247613 20001114; US 2000247614 20001114; US 2000247615 20001114; US  
2000247616 20001114; US 2000247617 20001114; US 2000247633 20001114; US  
2000247632 20001114; US 2000247631 20001114; US 2000247630 20001114; US  
2000247629 20001114; US 2000247628 20001114; US 2000247627 20001114; US  
2000247626 20001114; US 2000247625 20001114; US 2001247954 20011114

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN..GQ GW..ML MR NE..SN TD TG .  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 1363212

15/3,K/23 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00909391

Search Report from Ginger R. DeMille

BIOACTIVE COMPOSITIONS COMPRISING CONJUGATED LINOLEIC ACID GLYCERIDES AND  
METHODS FOR PRODUCING BIOACTIVE CONJUGATED LINOLEIC ACID  
GLYCERIDES BIOACTIFS D'ACIDE LINOLEIQUE CONJUGUE ET PROCEDE D'UTILISATION

Patent Applicant/Assignee:

ALPHA FOODS INGREDIENTS INC, 4132 Cove Lane, Suite A, Glenview, IL 60025,  
US, US (Residence), US (Nationality), (For all designated states  
except: US)

Patent Applicant/Inventor:

BONSIGNORE Patrick V, 23865 West Sussex Drive, Channahon, IL 60410, US,  
US (Residence), US (Nationality), (Designated only for: US)  
GURIN Michael H, 4132 Cove Lane, Unit A, Glenview, IL 60025, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

ROSENBAUM David G (agent), Rosenbaum & Associates, P.C., 875 North  
Michigan Avenue, Suite #3653, Chicago, IL 60611, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200241706 A2-A3 20020530 (WO 0241706)

Application: WO 2001US47859 20011121 (PCT/WO US0147859)

Priority Application: US 2000252382 20001121; US 2000250359 20001201; US  
2000254317 20001211

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS  
LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ  
TM TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 12227

Fulltext Availability:

Detailed Description

Detailed Description

... techniques to increase the CLA content in the DCO in order to reduce  
the total volume requirements to meet the desired total CLA  
content. The isomer composition of the 15 various CLA preparations...

15/3,K/24 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00883089 \*\*Image available\*\*

WIRELESS PAYMENT SYSTEMS FOR RETAIL ENVIRONMENTS

SYSTEMES DE PAIEMENT SANS FIL DESTINES A DES MILIEUX DE VENTE AU DETAIL

Patent Applicant/Assignee:

MARCONI COMMERCE SYSTEMS INC, 7300 West Friendly Avenue, P.O. Box 22087,  
Greensboro, NC 27420, US, US (Residence), US (Nationality)

Inventor(s):

BLALOCK Dolan Flay, 1318 McDowell Drive, Greensboro, NC 27408-5217, US,

Legal Representative:

FITCHETT Stuart Paul (agent), Saunders & Dolleymore, 9 Rickmansworth  
Road, Watford WD 18 0JU, GB,

Search Report from Ginger R. DeMille

Patent and Priority Information (Country, Number, Date):

Patent: WO 200217247 A2-A3 20020228 (WO 0217247)  
Application: WO 2001GB3711 20010820 (PCT/WO GB0103711)  
Priority Application: US 2000645389 20000824

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU JP SG

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 7213

Fulltext Availability:

Detailed Description

Detailed Description

... if the customer purchases additional items. For instance, a discount may be given if the **total amount** of the **order exceeds** a threshold amount. If such threshold amount is \$25.00, and the customer's total...

15/3,K/25 (Item 5 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00856390 \*\*Image available\*\*

IMPROVED DOSING ASSEMBLY

ENSEMBLE DOSEUR AMELIORE

Patent Applicant/Assignee:

MILLIKEN & COMPANY, 920 Milliken Road, Spartanburg, SC 29303, US, US  
(Residence), US (Nationality)

Inventor(s):

RAGSDALE Mark E, 260 Dobson Road, Duncan, SC 29334, US,

Legal Representative:

PARKS William S (agent), Milliken & Company, P.O. Box 1926 (M-495),  
Spartanburg, SC 29304, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200189677 A1 20011129 (WO 0189677)  
Application: WO 2001US10415 20010402 (PCT/WO US0110415)  
Priority Application: US 2000578535 20000524

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 7373

Fulltext Availability:

Detailed Description

Search Report from Ginger R. DeMille

Detailed Description

... maximum diameter; generally, any length of feed line may be utilized as long as the **volume** and diameter **requirements** are not **exceeded**:

This dosing assembly was tested in a similar manner as the standard configuration in FIG. . . .

15/3,K/26 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00824209 \*\*Image available\*\*

**A TRADING SYSTEM**

**SYSTEME DE COMMERCE**

Patent Applicant/Assignee:

OM TECHNOLOGY AB, S-105 78 Stockholm, SE, SE (Residence), SE  
(Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

TILFORS Jan, Kung Atles vag 12, S-167 74 Bromma, SE, SE (Residence), SE  
(Nationality), (Designated only for: US)

BANDEEN Derek, 97 Hamilton Terrace, London, GB, GB (Residence), GB  
(Nationality), (Designated only for: US)

Legal Representative:

ROSENQUIST Per Olof (et al) (agent), Bergenstrahle & Lindvall AB, Box  
17704, S-118 93 Stockholm, SE,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200157752 A1 20010809 (WO 0157752)

Application: WO 2001SE233 20010207 (PCT/WO SE0100233)

Priority Application: SE 2000385 20000207

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4265

Fulltext Availability:

Detailed Description

Detailed Description

... in the order book (using the designated exchange price tick structure).

- In case the total **volume** of **orders** created **exceeds** the incoming orders **volume** to match, no more orders are created.
- Orders are sent to...

15/3,K/27 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

Search Report from Ginger R. DeMille

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00819742 \*\*Image available\*\*

**VARIABLE QUENCHING OF EXTRUDED PRODUCTS**

**TREMPE VARIABLE DE PRODUITS EXTRUDES**

Patent Applicant/Assignee:

ALEXANDRIA EXTRUSION COMPANY, 401 County Road 22 N.W., Alexandria, MN  
56308, US, US (Residence), US (Nationality)

Inventor(s):

CRAMLET Adam, 1217 Melody Lane S.E., Alexandria, MN 56308, US,  
HENZ Brian, 864 19th Avenue North, St. Cloud, MN 56303, US,  
PEARSON Brian, 256 9th Street N.W., Milaca, MN 56353, US,  
COVEY Steve, 1052 16th Avenue So., St. Cloud, MN 56308, US,

Legal Representative:

LERVICK Craig J (agent), Oppenheimer Wolff & Donnelly LLP, Suite 3300, 45  
South Seventh Street, Minneapolis, MN 55402, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200153013 A1 20010726 (WO 0153013)

Application: WO 2001US1633 20010118 (PCT/WO US0101633)

Priority Application: US 2000176894 20000119; US 2000699551 20001030

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

CA DE JP MX

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

Publication Language: English

Filing Language: English

Fulltext Word Count: 5586

Fulltext Availability:

Detailed Description

Detailed Description

... cooling of a particular part.

It is not commonly known exactly how to control the volume in order  
to meet the optimum cooling rate for any particular part. As mentioned  
above, it is very easy...

15/3,K/28 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784124

**SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A  
TRANSACTION SERVICES PATTERNS ENVIRONMENT**

**SYSTÈME, PROCÉDÉ ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE  
REQUÊTES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

BOWMAN-AMUAH Michael K, 6426 Peak Vista Circle, Colorado Springs, CO 80918  
, US,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, 38th floor,  
2029 Century Park East, Los Angeles, CA 90067-3024, US,

Patent and Priority Information (Country, Number, Date):

Search Report from Ginger R. DeMille

Patent: WO 200116704 A2-A3 20010308 (WO 0116704)  
Application: WO 2000US24082 20000831 (PCT/WO US0024082)  
Priority Application: US 99386715 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 150733

Fulltext Availability:

Detailed Description

Detailed Description

... concepts including name, purpose, knowledge, behavior, and all other intelligence. Examples include: Customer, Product, Order, Inventory, Pricing, Credit Check, Billing, and Fraud Analysis. One might think of a Business Component as a depiction or...

...Business Components model real-world concepts in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data modeling because Business Components...

15/3, K/29 (Item 9 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN A COMMUNICATION ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY) RAFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE COMMUNICATION

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
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Inventor(s):

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2-A3 20010308 (WO 0116668)  
Application: WO 2000US24113 20000831 (PCT/WO US0024113)  
Priority Application: US 99386239 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE ES

Search Report from Ginger R. DeMille

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ  
UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149976

Fulltext Availability:

Claims

Claim

... concepts including name, purpose, knowledge, behavior, and all other intelligence. Examples include: Customer, Product, Order, **Inventory**, Pricing, Credit **Check**, Billing, and Fraud Analysis. One might think of a Business Component as a depiction or...

...Business Components model real-world concepts in the business domain (e.g., customers, products, orders, **inventory**, pricing, credit **check**, billing, and fraud analysis). This is not the same as data modeling because Business Components encapsulate both information and behavior. At this point in the process, an **inventory** of Business Components is sufficient, along with a definition, list of entities, and list of... business sells and leases pagers and services. One part of the company is installing an **inventory management** system for **tracking** pagers, while another part of the company is trying to determine how to track the ...in process, finished goods, and leased frequencies.

274

So one can start out building an **inventory management** application and then build the ready-to-reuse Inventory component which, without modification, can support many other uses. In this way one can unload the concept of **inventory** so that it can be reused outside the context it was initially planned for. This...designs tend to impact previously working code. Significant regression testing must be expected, as discussed **below**.

Automated regression testing is usually necessary. Regression testing is necessary because of iteration, inheritance, and... information and behavior associated with those concepts. Examples of business components include: Customer, Product, Order, **Inventory**, Pricing, Credit **Check**, Billing, and Fraud Analysis." These are the components that in many cases have been the...

15/3,K/30 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00737652

GENE SEQUENCE VARIATIONS WITH UTILITY IN DETERMINING THE TREATMENT OF  
DISEASE

VARIATIONS DE SEQUENCES GENIQUES PRÉSENTANT UNE UTILITÉ POUR LA SÉLECTION  
DU TRAITEMENT D'UNE MALADIE

Patent Applicant/Assignee:

VARIAGENICS INC, 60 Hampshire Street, Cambridge, MA 02139-1562, US, US  
(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

Search Report from Ginger R. DeMille

STANTON Vincent Jr, 32 Royal Road, Belmont, MA 02173, US, US (Residence),  
US (Nationality), (Designated only for: US)

Legal Representative:

AMES Wesley B (agent), Brobeck, Phleger & Harrison LLP, 12390 El Camino  
Real, San Diego, CA 92130, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200050639 A2-A3 20000831 (WO 0050639)

Application: WO 2000US1392 20000120 (PCT/WO US0001392)

Priority Application: US 99121047 19990222; US 99139440 19990615; US  
99357743 19990720

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH  
GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 315309

Fulltext Availability:

Detailed Description

Detailed Description

... and/or toxicologic behavior of specific drugs in specific patients.  
Relevant pharmacokinetic processes include absorption, distribution,  
metabolism and excretion. Relevant toxicological processes include both  
dose related and idiosyncratic adverse reactions to...

15/3,K/31 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00734792 \*\*Image available\*\*

**SYSTEM AND METHOD FOR AN AUTOMATED EXCHANGE**

**SYSTEME ET PROCEDE D'ECHANGE AUTOMATISE**

Patent Applicant/Assignee:

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US (Residence), US (Nationality), (For all designated states except:  
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Patent Applicant/Inventor:

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ISHIKIDA Takashi, San Diego, CA, US, US (Residence), US (Nationality),  
(Designated only for: US)

LEDYARD John, San Diego, CA, US, US (Residence), US (Nationality),  
(Designated only for: US)

POLK Charles W, 324 E. Whittley, P.O. Box 1861, Avalon, CA 90704-1861, US  
, US (Residence), US (Nationality), (Designated only for: US)

JOHNSTON Wallace W, Norwell, MA, US, US (Residence), US (Nationality),  
(Designated only for: US)

HOWIESON Andrew W, Duxbury, MA, US, US (Residence), US (Nationality),  
(Designated only for: US)

Search Report from Ginger R. DeMille

Legal Representative:

LAND John, Fish & Richardson, P.C., Suite 1400, 4225 Executive Drive, La Jolla, CA 92037, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200048109 A1 20000817 (WO 0048109)

Application: WO 2000US3594 20000211 (PCT/WO US0003594)

Priority Application: US 99119888 19990212

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 25077

Fulltext Availability:

Detailed Description

Detailed Description

... together to bring additional volume/liquidity to a market, provided certain price and contra-side **volume requirements** are met.

LP (Linear Program) - A system of linear equations used to model a problem.

Marginal Order...

15/3,K/32 (Item 12 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00569034 \*\*Image available\*\*

INK-JET RECORDING SHEET

FEUILLE POUR IMPRESSION PAR JETS D'ENCRE

Patent Applicant/Assignee:

IMATION CORP,

Inventor(s):

YARMEY Susan K,

STEINER Michael L,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200032407 A1 20000608 (WO 0032407)

Application: WO 99US9302 19990429 (PCT/WO US9909302)

Priority Application: US 98201305 19981130

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CN JP KR AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 6772

Fulltext Availability:

Search Report from Ginger R. DeMille

Detailed Description

Detailed Description

... a pigment latex film. By choosing a pigment particle size, latex particle size and latex volume, the absorption requirements can be met.

Other properties of the latex can effect LCPVC, such as Tg. A latex with a...

15/3,K/33 (Item 18 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00483343 \*\*Image available\*\*

**ORDER PROCESSING APPARATUS AND METHOD**

**SYSTEME ET PROCEDE DE TRAITEMENT DE COMMANDES**

Patent Applicant/Assignee:

ADVANCED TRANSACTION SYSTEMS LIMITED,

SEIFERT Benedict,

HESSELBO Robert,

Inventor(s):

SEIFERT Benedict,

HESSELBO Robert,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9914695 A1 19990325

Application: WO 98GB2818 19980917 (PCT/WO GB9802818)

Priority Application: GB 9719829 19970917

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CI CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 13207

Fulltext Availability:

Detailed Description

Detailed Description

... received orders into a batch. The end of a batch is determined either by the volume of orders exceeding a threshold or a 0 fixed time having elapsed since the previous batch. In step...

15/3,K/34 (Item 14 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00373431 \*\*Image available\*\*

**MINIATURE QUADRUPOLE MASS SPECTROMETER ARRAY**

**ENSEMBLE SPECTROMETRE DE MASSE QUADRUPOLE MINIATURE**

Patent Applicant/Assignee:

CALIFORNIA INSTITUTE OF TECHNOLOGY,

Search Report from Ginger R. DeMille

Inventor(s):

CHUTJIAN Ara,  
HECHT Michael H,  
ORIENT Otto J,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9714174 A1 19970417  
Application: WO 96US16250 19961011 (PCT/WO US9616250)  
Priority Application: US 95817 19951011

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE HU IL IS  
JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ  
MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 4672

Fulltext Availability:

Detailed Description

Detailed Description

... systems and certain national defense missions where they have the disadvantages of relatively large mass, volume , and power requirements .

To meet these needs, a miniature QMS was developed by Ferran Scientif ic , Inc, (San Diego, California...

15/3,K/35 (Item 15 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00318863

PERISTALTIC PULSE PUMPING SYSTEMS AND METHODS

SYSTEME DE POMPAGE PERISTALTIQUE PAR IMPULSIONS ET PROCEDE ASSOCIE

Patent Applicant/Assignee:

BAXTER INTERNATIONAL INC,

Inventor(s):

PATNO Timothy J,  
BROWN Richard I,  
CORK William H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9601371 A1 19960118  
Application: WO 95US273 19950109 (PCT/WO US9500273)  
Priority Application: US 94269933 19940701

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU BR CA JP MX AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8722

Fulltext Availability:

Detailed Description

Detailed Description

Search Report from Ginger R. DeMille

... to supply anticoagulant.

one approach is to provide dedicated pumps,  
some to meet high flow **volume requirements**, and  
others to meet low flow volume requirements.

The approach that the invention takes is  
different. A principal objective...

15/3,K/36 (Item 16 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00302224

**HAIR COSMETIC COMPOSITION**  
**COMPOSITION COSMETIQUE CAPILLAIRE**

Patent Applicant/Assignee:

KAO CORPORATION,  
HIRANO Yuji,  
HIRANO Aya,  
KURE Naohisa,

Inventor(s):

HIRANO Yuji,  
HIRANO Aya,  
KURE Naohisa,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9520375 A1 19950803  
Application: WO 95JP84 19950125 (PCT/WO JP9500084)  
Priority Application: JP 947459 19940127

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 8047

Fulltext Availability:

Detailed Description

Detailed Description

... from the

low elasticity of hair fibers such as lack of firmness/  
elasticity and less **volume**, In **order** to **meet** the needs of  
people having such complaints, a variety of hair treatment  
compositions have heretofore...

15/3,K/37 (Item 17 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00243174 \*\*Image available\*\*

**SEMICONDUCTOR WITH ORDERED CLUSTERS AND LASER ABLATION METHOD FOR THE  
FABRICATION THEREOF**

**SEMICONDUCTEUR COMPORTANT DES AMAS ORDONNES ET PROCEDE D'ABLATION AU LASER  
SERVANT A SA FABRICATION**

Patent Applicant/Assignee:

ENERGY CONVERSION DEVICES INC,

Search Report from Ginger R. DeMille

Inventor(s):

OVSHINSKY Stanford R,  
YOUNG Rosa,  
CZUBATYJ Volodymyr,  
DENG Xunming,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9317449 A1 19930902  
Application: WO 93US1568 19930222 (PCT/WO US9301568)  
Priority Application: US 92842014 19920225

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 9874

Fulltext Availability:

Detailed Description

Detailed Description

... clusters referenced generally by the numeral 22 dispersed throughout said body of semiconductor material. The volume of ordered clusters depicted therein exceeds the aforementioned threshold volume fraction and therefore the material exhibits a change in properties such...

15/3,K/38 (Item 18 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00206936

PAINTING METHOD AND APPARATUS FOR VEHICLES

PROCEDE ET APPAREIL D'APPLICATION DE PEINTURE SUR AUTOMOBILES

Patent Applicant/Assignee:

HONDA OF AMERICA MFG INC,

Inventor(s):

BARTOW Douglas H,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9204132 A1 19920319  
Application: WO 91US6217 19910830 (PCT/WO US9106217)  
Priority Application: US 90672 19900831; US 9081 19901030

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BB BE BF BG BJ BR CA CF CG CH CI CM DE DK ES FI FR GA GB GN GR HU  
IT JP KP KR LK LU MC ML MN MR MW NL NO PL RO SD SE SN SU TD TG

Publication Language: English

Fulltext Word Count: 6904

English Abstract

...maintaining a supply of paint to a low volume tank within narrow limits, a high volume application requirement can be met. A single line recirculating system is also disclosed for use with either type of paint...

15/3,K/39 (Item 19 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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Search Report from Ginger R. DeMille

00172841 \*\*Image available\*\*

## PRODUCTION OF METHANOL FROM HYDROCARBONACEOUS FEEDSTOCK

## PRODUCTION DE MÉTHANOL À PARTIR D'UNE CHARGE D'HYDROCARBURES

**PRODUCTION DE MÉTIANCE A 1**  
**Patent Applicant/Assignee:**

DAVY MCKEE CORPORATION

DAVI MCREE  
Inventor(s):

KORCHNAK Joseph D

KURCHINAK Joseph  
DUNSTER Michael

DUNSTER Michael  
ENGLISH Alan

ENGLISH Alias,         
Patent and Priority Information (Country, Number, Date):

Patent: WO 9006297 A1 19900614

Patent: WO 9008297 AI 19900814  
Application: WO 89US5370 19891130 (PCT/WO US8905370)

Priority Application: US 88206 19881130

Priority Applied  
Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AT AU BE BR CH DE DK ES ES FR GB IT JP KR LU NL NL SE SU

Publication Language: English

Fulltext Word Count: 14329

#### Fulltext Availability:

#### Detailed Description

#### Detailed Description

using relatively small volumes

- and relatively inexpensive catalyst materials, provided that the surface area-to- volume requirements of the invention are met. In accordance with the process of the invention the reactant gases are introduced to the...

?